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ROUTES

IN THE

BENGAL AND PUNJAB COMMANDS.

REVISED EDITION, WITH MAP.

COMPILED IN THE

OFFICE OF QUARTER MASTER GENERAL IN INDIA.



Army Head Quarters, Simla, 1st June 1900

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PREFACE.

THIS edition shows all the principal roads in the Punjab and Bengal Commands, revised and brought up-to-date; but as errors may have occurred, the Quarter Master General in India will be glad to hear from officers and

Corrections to the Routes in the Bengal and Punjab Commands, 1900.

In Route 33 (a), page 27, the first bracket in columns one and two should end at "DRUMMONDSANJ," the second bracket in the same columns commencing at "HANUMANA."

On page 170, strike out the letters "i.s." against "NIRSA", and insert those letters against "MOHANIA," on page 171.

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MAP	<i>In pocket.</i>

NOTES FOR GUIDANCE.

Numbering.—The total number of routes in this compilation is 830, and the following procedure has been adopted in numbering them:—

They have been numbered straight through serially, excepting only when there are two or more routes between the same places, in which case the one most suitable for the movement of troops is given the next serial number, and the others, arranged according to their practicability, receive the same number, but with the addition of small letters in brackets—thus: 10, 10(a), 10(b), etc.

Ferries.—Owing to the constant change that takes place in the position of the ferries over certain rivers in the Punjab Command, mentioned in this book, and to the uncertainty as to the number of boats available at each of them, reference should invariably be made to the corrected ferry-rolls, which are issued periodically by the G. O. C. Punjab Frontier Force, when routes in which these ferries occur are about to be used.

Encamping Grounds.—When no mention is made as to the size of encamping grounds, it is either because they are too small to be of use for encamping troops, or that there are no regular places told off, in either of which cases special arrangements must be made when any large amount of space is required.

Bombay connecting routes.—Routes running to stations in the Bombay Command are only reported on as far as they affect Punjab and Bengal, but at the head of each the No. of the connecting Bombay route is given.

Abbreviations.—The following abbreviations have been used:—

p-o.	post office.	hd-qtr.	Head-Quarters.
t-s.	telegraph station.	rod.	maunds.
r-s, Ry. Stn.	railway station.	m.	miles.
b.	bungalow.	ins.	inches.
R.	river.	yds.	yards.
ry.	railway.	sq. yds.	square yards.
C-G.	Camping ground.	ft.	feet.
N.S. E.W.	points of the compass.	Govt.	Government.
coys.	companies.	Dist.	district.
battn.	battalion.	Dy. Commr.	Deputy Commissioner.
regt.	regiment.	Collr.	Collector.
stn.	station.	Pol. Agt.	Political Agent.

All lines of railways are abbreviated,—such as E. I. Ry. (East Indian Railway).

SERIAL INDEX.

Page.	Route No.	From	To	Via	DISTANCE.		Number of Stages.
					Miles.	Furlongs.	
A							
1	1	ABBOTTABAD	CHATTAR PLAIN	Shinklari	47	0	4
ib.	1(a)	"	"	Oghi	54	4	5
ib.	2	"	CHILAS	Jaba, Balakote and Kaghan	100	0	14
3	3	"	DERBAND	Haripur	51	0	5
ib.	3(a)	"	"	Seri Sher Shah	44	0	4
4	4	"	EDWARDESABAD	Haripur, Fatehjang and Kalabagh	284	6	20
5	5	"	KOHAT	Haripur and Khushalgarh	143	6	13
ib.	6	"	MARDAN	Haripur and Torbela	85	0	8
6	6(a)	"	"	Seri Sher Shah and Torbela	88	0	9
ib.	7	"	SHAHPUR ¹	Haripur, Talagang and Jaba	177	0	17
7	7(a)	"	"	Haripur, Hasan Abdul, Chaurra and Chakwal.	211	2	19
8	8	"	SRINAGAR	Gurhi	164	5	11
9	9	AGRA	ALIGARH	Hathras	53	3	5
ib.	10	"	BATESAR	Fatehabad	43	4	4
ib.	11	"	BHARATPUR	Achnerna	31	6	3
10	12	"	BUDAUN	Hathras, Sikandr-Ilao, Kasganj and Kachla Ghat.	106	1	11
ib.	13	"	DELHI	Mattira, Hodal and Palwal	127	6	11
11	14	"	DEOLI	As far as Bhamtpur (Remainder in Bombay Route Book No. 202.)	31	6	3
12	15	"	ETAWAH	Shikohabad and Jaswantnagar	68	6	6
ib.	15(a)	"	"	The right bank of the Jumna	78	6	7
ib.	16	"	FATEHGARH	Shikohabad and Dewar	109	5	9
13	17	"	JHANSI	Dholpur, Gwallor and Dattiah	133	7	13
14	18	"	KARALI	As far as Bari. (Remainder in Bombay Route Book No. 218(2).)	51	3	4
ib.	18(a)	"	"	As far as Kanua. (Remainder in Bombay Route Book No. 218.)	29	7	3
ib.	18(b)	"	"	As far as Bari, <i>via</i> Sipao. (Remainder in Bombay Route Book No. 218 (1).)	45	1	3
15	18(c)	"	"	As far as Bari, <i>via</i> Manla and Sipao. (Remainder in Bombay Route Book No. 218 (3).)	48	0	4
ib.	18(d)	"	"	As far as Bari, <i>via</i> Kagerole and Khairnagar. (Remainder in Bombay Route Book No. 218 (4).)	46	1	3
ib.	19	"	MHOW	As far as Makree, <i>via</i> Dholpur, Gwallor, Sipri, Goona, Bissra and Sarangpur. (Remainder in Bombay Route Book No. 221.)	331	1	30
17	19(a)	"	"	As far as Kanua. (Remainder in Bombay Route Book No. 221 (1).)	29	7	3
ib.	20	"	MORAR	Dholpur	74	0	7
ib.	21	"	NASIRABAD	As far as Bhamtpur. (Remainder in Bombay Route Book No. 213.)	31	6	3
18	21(a)	"	"	As far as Kanua. (Remainder and alternative routes in Bombay Route Book Nos. 243 (1), (2) and (3).)	29	7	3
ib.	22	"	NEEMUCH	As far as Kanua. (Remainder and alternative route in Bombay Route Book Nos. 235 and 235 (1).)	29	7	3

Page	Route No.	From	To	Road	Distance		Number of Stages
					Miles.	Furlongs.	
A—contd.							
18	28	AGRA . . .	PAORI . . .	Gwalior and Mahona . . .	147	0	13
1b	24	ALIGARH . .	BUDAUN . .	Kaganj . . .	73	0	7
19	24(a)	" . . .	" . . .	Aunpabahr and Sobsewan . . .	86	7	8
1b	25	" . . .	DELHI . . .	Jhajhar . . .	87	7	7
20	26	" . . .	MEERUT . .	The Grand Trunk Road and Hapur . .	81	6	7
1b	27	" . . .	MORADABAD .	Aunpabahr and Sambhal . . .	80	6	8
21	27(a)	" . . .	" . . .	Jatmpi and Sambhal . . .	118	5	10
1b	28	" . . .	MUTTRA . .	Baya . . .	41	0	3
22	29	ALLAHABAD .	BANDA . . .	Fatehpur, Chhilaara and Pipranda . .	122	4	11
1b	29(a)	" . . .	" . . .	Rajapur ferry and Bilgaon . . .	107	0	8
23	29(b)	" . . .	" . . .	Rajapur ferry and Kamaam . . .	105	2	8
1b	29(c)	" . . .	" . . .	Katali, Rajapur ferry and Bilgaon . .	101	3	9
24	30	" . . .	ETAWAH . .	Fatehpur, Khajula and Sikandra . .	213	5	18
1b	31	" . . .	FYZABAD . .	Somen and Sullaapur . . .	89	1	8
25	32	" . . .	JAUNPUR . .	The Grand Trunk Road and Machhahar .	68	3	6
1b	33	" . . .	JUBBULPORE .	Sohagi, Bowah and Mathar . . .	216	6	21
27	33(a)	" . . .	" . . .	Lalgau, the Katra Pass, Rewah and Malhar .	273	4	25
28	34	" . . .	MIEZAPUR . .	The left bank of the Ganges . . .	68	0	6
1b	34(a)	" . . .	" . . .	The right bank of the Ganges . . .	68	5	5
1b	35	" . . .	NAGODE . .	The Sohagi Pass, Rewah and Madhogarh .	128	3	12
29	36	" . . .	RAE BARELI .	Nawabganj and Salon . . .	71	3	6
1b	36(a)	" . . .	" . . .	The Grand Trunk Road and Manikpur . .	83	0	7
30	36(b)	" . . .	" . . .	Nawabganj and Manikpur . . .	75	6	7
1b	37	" . . .	SAUGOR . .	The Sohagi Pass, Mathar, Pipara Ghat and Damoh .	270	1	25
31	38	" . . .	SHIVRAJPUR . (Artillery Practice Camp)	Barah . . .	28	7	3
32	39	" . . .	UNAO . . .	Nawabganj and Bihar . . .	129	6	12
1b	40	ALMORA . .	LANDOUR . .	Dwarahat, Bungidhar, Paari and Tehri .	170	3	15
38	40(a)	" . . .	" . . .	Dwarahat, Bungidhar, Paari and Dehra-Dun .	208	2	19
34	40(b)	" . . .	" . . .	Dwarahat, the Ganges Valley Road and Panna .	174	3	16
35	41	" . . .	LANDSOWNE .	Dwarahat, Bungidhar and Pokhra . .	112	5	11
1b	42	" . . .	LOHAGHAT . .	Dhunaghat . . .	49	8	5
36	43	" . . .	NAINI TAL . .	Khairna . . .	80	2	8
1b	43(a)	" . . .	" . . .	Raigarh . . .	33	0	3
1b	44	" . . .	PITHORAGARH .	Naini . . .	63	4	5
1b	45	" . . .	RANIKHET . .	Majkahi . . .	29	0	3
37	46	" . . .	THE TIBETAN FRONTIER	Dwarahat, Joshimath and the Niti Pass .	243	4	22
39	47	AMRITSAR .	FEROZEPUR .	Ganda Singhwala . . .	55	3	6
1b	48	" . . .	GUJRANWALA .	Karnahat . . .	56	3	5
1b	49	" . . .	GURDASPUR .	Batala . . .	42	2	4
40	49(a)	" . . .	" . . .	Fatehgarh and Kalasaur . . .	49	4	4
1b	50	" . . .	HOSHIAEPUR .	The Grand Trunk Road and Kartarpur . .	67	2	6
1b	50(a)	" . . .	" . . .	Makha . . .	70	0	6
41	50(b)	" . . .	" . . .	Batala . . .	87	4	9

Page.	Route No.	From	To	Via	Distance.		Number of Stages.
					Miles.	Furlongs.	
A—conold.							
41	51	AMRITSAR .	SIALKOT . . .	Ajnala and Pasrur	68	0	7
42	52	ABRAH .	CHAPRA . . .	Budhera	18	0	2
ib.	53	" . . .	DEHRI . . .	Gudhani, Sakrata and Nasriganj	58	4	5
43	53(a)	" . . .	" . . .	Powna and Nasriganj	64	4	5
ib.	53(b)	" . . .	" . . .	Bikramganj and Soesram	74	4	6
ib.	53(c)	" . . .	" . . .	Ukhgon and Nasriganj	69	0	6
44	54	" . . .	GAYA . . .	Nasriganj and Deohara	98	2	9
ib.	55	" . . .	GHAZIPUR .	Bhojpur and Buxar	71	4	7
45	56	" . . .	SASARAM . .	Jagdispur and Nokha	70	8	6
ib.	57	ATTOOK .	ABBOTTABAD .	Sari Kala and Haripur	81	2	7
ib.	57(a)	" . . .	" . . .	Hazra and Haripur	67	0	5
46	58	" . . .	CAMPBELLPUR .	.....	14	0	1
ib.	59	" . . .	DERBAND . .	Turbela	57	0	5
ib.	60	" . . .	EDWADESABAD .	Chot, Malhad, Kalabagh and Laki	210	6	18
47	61	" . . .	KOHAT . . .	N'ab Gasha	72	4	6
ib.	62	AURANGABAD .	GAYA . . .	Rafiganj	42	0	3
48	63	AZAMGARH .	CHAPRA . . .	Daraull	113	4	10
ib.	64	" . . .	GHAZIPUR .	Etma	44	0	4
ib.	65	" . . .	GORAKHPUR .	Deorhi Ghat	61	0	6
49	66	" . . .	SULTANPUR .	Mahul and Sirhurpur	85	0	7
B							
50	67	BAH . . .	SHIKOHABAD . .	.....	17	0	1
ib.	68	BAHADUR KHEL .	THULL . . .	Gurgari	31	4	2
ib.	69	BAHRAICH .	BHAGORA TAL, on the Nepal Frontier.	Bhinga	34	0	3
ib.	70	" . . .	PADNAHA, on the Nepal Frontier.	Nanpara and Banki	67	4	6
51	71	" . . .	SITKA GHAT, in Nepal .	Nanpara and Gundin (Ollun)	63	0	6
ib.	72	" . . .	TULSIPIUR . . .	Ikarna and Balrampur	56	0	6
ib.	73	DAIDYANATH-DEOGHUR .	PIRPAINTI . . .	Hoodha	90	0	11
52	74	" . . .	RAMPUR-HAT . .	Dumka	72	0	8
ib.	75	BALASORE .	CUTTACK . . .	Soro and Bhadrak	105	0	12
53	76	BANDA .	ETAWAH . . .	Jabalpur and Kolpi	145	5	13
54	77	" . . .	FATEHGARH . .	Jabalpur and Rasoolabad	171	0	16
ib.	78	" . . .	MANKIPUR BY STN. .	Karwi	60	7	6
55	79	" . . .	SAGODE (see Route 516)	Bisramganj	90	5	8
ib.	80	BANDA SHAIL DAUD	THULL . . .	Teri and Gurgari	37	0	3
ib.	81	BANKURA .	CHANDASSA . .	Sindri	96	0	13
56	82	" . . .	MIDNAPORE . .	Garhbeta	69	2	6
ib.	83	" . . .	PURULIA . . .	Hura	51	0	5
57	84	" . . .	RANIGANJ . . .	Gangajalghati	29	4	2
ib.	85	BAREILLY .	ALMORA . . .	Bahori and Ranibagh	102	6	11
58	86	" . . .	BUDAUN . . .	Dinowar	27	6	3

Page.	Route No.	From	To	Via	Distance.		Number of Stages.
					Miles.	Parangs.	
B—contd.							
58	86(a)	BAREILLY	BUDAUN	Aonla	35	4	4
ib.	87	"	FATEHGARH	Fatehganj and Jalaalabad	78	8	6
59	88	"	MOKADABAD	Mirganj	57	8	5
ib.	89	"	NAINI TAL	Baheri and Ranibagh	87	5	9
ib.	90	"	FITHORAGARH	Pilibhit and Lolaghat	194	6	12
60	91	"	RANIKHET	Baheri, Ranibagh and Ratighat	115	7	12
61	91(a)	"	"	Kashipur and Ramnagar	157	2	16
ib.	92	"	SHAHJAHANPUR	Fatehganj	46	6	4
62	93	BANJARWA	SAHEBGANJ	Barhail	46	0	3
ib.	94	BARRACKPORE	JESSORE	Barasat	71	0	7
ib.	95	BARUN	ARWAL	Parvazabad. (Thence by canal route to Digha Ghat for Dinapore or Patna.)	39	0	3
63	96	BASTI	DHEKAHRI, on the Nepal Frontier.	Bhanpur	52	0	5
ib.	97	"	MAHADEWA, near the Nepal Frontier.	Bansi	50	0	5
ib.	98	BENARES	AZANGARH	Deogaon	60	0	6
64	99	"	BUXAR	The Grand Trunk Road and Chausa	82	7	8
ib.	100	"	GHAZIPUR	Sayadpur	46	0	4
65	101	"	JAUNPUR	Dabotpur	36	0	3
ib.	102	"	MIRZAPUR	The Grand Trunk Road and Naughat	41	0	4
ib.	102(a)	"	"	Kachwa Ghat	27	0	3
ib.	102(b)	"	"	Sultanpur and Chunar	39	7	4
66	103	BERHANPORE	ALATOLI	Digha Ghat	28	0	2
ib.	104	"	AUGERDIP	Fissey	36	0	3
ib.	105	"	BANKURA	Ham Bazar and Sonamukhi	118	0	11
67	106	"	BHAGALPUR	Suti, Timpaher and Colgong	151	0	14
68	106(a)	"	"	Suti, Sahabganj and Colgong	102	0	15
ib.	107	"	BOALIA (RAMPUR-BAULEAH.)	Hari Rampur Ghat	33	0	4
69	108	"	DINAJPUR	Godagari, Farhatipur and Pramsagar	121	0	12
ib.	108(a)	"	"	Godagari, Farhatipur and Gangarampur	128	0	12
70	109	"	FARIDPUR	Kutia and Kumaikhal	126	6	12
ib.	110	"	MALDA	Babupur and Shibganj	64	0	7
71	110(a)	"	"	Godagari Ghat and Shibganj	78	0	7
ib.	111	"	MIDNAPORE	Jama Kandi, Sonamukhi and Bhanpur	156	6	14
ib.	112	"	SOOREE	Jama Kandi and Sainthia	63	1	5
72	113	BHAGALPUR	GATA	Deoghar and Nawadah	101	5	11
73	114	"	HAZARIBAGH	Deoghar, Kharagdia and Barhi	181	6	16
ib.	114(a)	"	"	Deoghar, Kharagdia and Bogodar	195	4	17
74	115	"	JANGIPUR	Colgong, Maheshpur and Murad	116	0	11
75	116	"	MALDA	Colgong, Rajmahal and Nowgura	96	0	8
ib.	117	"	MONGHYE	Afrulganj	85	0	8
ib.	118	"	PURNEA	Colgong and Karagola Ghat	67	2	7
76	118(a)	"	"	Farhatia and Sowna Ghat	50	0	5
ib.	119	"	RANIGANJ	Deoghar and Jamtara	127	0	12

Page.	Route No.	From	To	Via	Distances.		Number of Stages.
					Miles.	Parcours.	
		B—concl'd.					
76	120	BHAGALPUR	SOOREE	Dandi and Dumka	119	0	12
77	121	BIJNOE	SEINAGAR, in Garhwal	Najibabad	91	1	9
78	122	BIKANER	BAHAWALPUR	In Bahawalpur territory only.—(First portion of route in Bombay Route Book No. 107.)	69	2	4
78	123	BOALIA (RAMPUR-BAULEAH).	DINAJPUR	Munda and Mohadebpur	103	0	10
79	123(a)	"	"	Parlatipur and Pramsagar	109	0	11
79	124	"	MALDA	Frontali Ghat, Golagari and Shibganj	66	0	6
79	125	"	NATOE	Jalimala	27	4	3
80	126	BOGRA	DINAJPUR	Khetlai and Hili	81	0	7
80	127(a)	"	"	Adamdighi and Molaschpur	100	0	9
81	127	"	MALDA	Adamdighi and Nithpur	91	6	8
81	128	"	RANGPUR	Gobindganj	63	6	6
81	129	BURDWAN	BERHAMPORE	Kalna	69	4	6
81	130	"	JESSORE	Kalna and Ranaghat	69	0	12
82	131	"	KRISHNAGAR	Kalna and Santipur	65	4	8
82	132	"	MIDNAPORE	Hajipur	71	0	7
82	133	"	SOOREE	Medin and Surul	54	0	6
82	134	BUXAR	BENARES	Chamra and Sakalaha	61	4	7
82	135	"	DEHRI	Hajipur and Nandiganj	66	2	6
82	136	"	SASARAM	Hajipur and Nekta	64	1	6
		C					
83	137	CACHAR or SILCHAR	AIJAL (LUSHAI HILLS)	Jh'ach'erra, and thence by river to Sairang.	133	0	8
83	137(a)	"	"	Kanglai and Bengti	133	2	10
83	138	"	ALINAGAR	Jai's Bazar and Fattahlandi	99	0	10
83	139	"	JOWAI	Gonjeng and Her Syngga	136	4	14
83	140	"	MANIPUR	Jh'el Ghat and the Bengti River	124	0	10
83	141	CAMPFELLPUR	EDWARDESABAD	Capt. Shah Mohammad Wala, Kalabagh and Lali	101	2	16
83	142	"	KONAT	Chel, Jandi and Khechagari	54	4	7
83	143	"	SHAHPUR	Fatahjang, Talagang and Jata	139	6	13
83	144	CAWNPORE	PANDA	Hamirpur	77	2	6
83	144(a)	"	"	Aung and Chhiltara	78	0	6
83	144(b)	"	"	Kalpi and Ja'alpur	117	3	11
83	144(c)	"	"	Kalpi and Hamirpur	117	1	11
83	145	"	CHARKHARI	Hamirpur and Mahoba	107	4	9
83	146	"	ETAWAH	Bikandra	100	2	8
83	147	"	FATEHGARH	The Grand Trunk Road and Jalalabad	85	3	8
83	148	"	HARDOI	Unao and Banjarman	64	0	8
83	149	"	JHANSI	Kalpi, Orail and Panch	139	1	16
83	150	"	JULIUMPORE	Hamirpur, Mahoba and Damoh	287	7	26
83	151	"	LUCKNOW	Unao and Banthra	49	0	4
83	152	"	MORAH	Kalpi, Indurki and Amlai	161	0	15
83	152(a)	"	"	Kalpi, Orail, Kunch and Seonda	161	3	15

Page.	Route No.	From	To	Via	Distances.		Number of stages.
					Miles.	Furlongs.	
C—contd.							
96	153	CAWNPORE	RAE-BAHELI	Bighapur and Satson	94	0	5
ib.	153(a)	"	"	Purwa and Satson	67	2	7
ib.	154	"	SITAPUR	Mianganj and Sandila	93	2	10
97	154(a)	"	"	Unao, Bangurman and Sandila	107	8	11
ib.	155	CHAIPIASSA	SAMBALPUR	As far as Jimbura. (Remainder in Bombay Route Book No. 260.)	105	2	19
98	155(a)	"	"	As far as Balipasi. (Remainder in Bombay Route Book No. 260(1).)	114	0	12
99	156	CHAPRA	DINAPORE	Palca Ghat	33	0	4
ib.	157	"	MUZAFFARPUR	Bakra	49	2	5
ib.	158	CHITTAGONG	AKYAB	By road and river	293	4	12
100	159	"	LAMA	Chanderpura and Ruma	106	0	7
101	160	"	SIRTHAY TLANG	Hathazari and Rangumati	98	0	8
ib.	161	COMILLA	AGARTALA, in HHN Tipperah.	Nayanpur	34	0	4
ib.	162	"	NOAKHALI	Bogunganj	67	0	5
102	162(a)	"	"	Feni	61	0	6
ib.	163	COOCH-BEHAR	BAKSA-DUAR (BAXA).	Allpur	38	4	4
ib.	164	"	GAUHATI	Agamoni and the Assam Trunk Road	170	0	16
103	165	"	GOALPARA	Kupadi (Khagrabari) and the Assam Trunk Road.	97	0	10
ib.	165(a)	"	"	Fulbari and the Assam Trunk Road	107	2	11
104	166	"	JUMM DUAR and SUN-KERNUKH (BHUTAN FRONTIER).	Rhita-Kuchi	55 59	0	7
D							
105	167	DACCA	BOGRA	Goulundo, Sirajganj and Sherpur	125	4	10
ib.	168	"	COMILLA	Daudkandi	62	0	6
106	169	"	GOALUNDO	Shivalaya (Shitalo)	51	0	5
ib.	170	"	MYMENSINGH	Gafarganj	95	0	10
ib.	171	"	SYLHET	Harinber, Tajpur and Islahabzar	148	0	15
107	172	DAGSHAI	SUBATHU	.....	12	4	1
ib.	173	DALHOUSIE	BAKLOH	Buleyna	16	6	2
108	174	"	CHAMBA	Kajlar	17	4	2
ib.	174(a)	"	"	Chilal	21	0	2
ib.	175	"	DHAEMSALA	Dunera and Nurpur	73	1	5
ib.	175(a)	"	"	Chachari and Nurpur	70	0	5
109	176	DALTONGANJ (BJURA).	MIRZAPUR	Garhwa, Dudhi and Rajgarh	146	2	15
110	177	DARBHANGA	BIRPUR, on the Nepal Frontier.	The North Emigration Road and Parthabganj	93	5	10
ib.	178	"	KANAUJI BAZAR, on the Nepal Frontier.	Supaul	70	4	8
111	179	"	LAKHA, on the Nepal Frontier.	Madhubani	54	0	6
ib.	180	"	LUOHIANA, on the Nepal Frontier.	Khajoli	45	4	4
ib.	181	"	NEPAL (KATMAUNDU).	Jaynagar and Janakpur	171	0	15

Page.	Route No.	From	To	Via	Distances.		Number of Stages.
					Miles.	Furlongs.	
D—contd.							
112	183	DARBHANGA	PURNEA	Sapaul and Natpur	145	6	14
113	183(a)	"	"	The South Emigration Road	110	0	11
ib.	183	DARJEELING	CHILABHANJAN, on the Nepal Frontier	Sukla Pokhri	58	6	5
114	184	"	PANIGHATA, on the Nepal Frontier.	Mirik	37	4	3
ib.	185	"	RHENOOK, on the Sikkim Frontier.	Rangoot	38	0	5
ib.	185(a)	"	"	Peohok	40	0	4
ib.	186	DEHRI	ROHTAS (ROTASGARH)	Tilatha	27	0	4
115	187	DELHI	AGRA	The Agra Canal	123	0	14
ib.	188	"	ALWAR	As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 268.)	74	4	6
116	188(a)	"	"	As far as Kot-Kasim. (Remainder in Bombay Route Book No. 268(1).)	64	3	5
ib.	188(b)	"	"	As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 268(2).)	73	1	7
117	188(c)	"	"	As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 268(3).)	90	5	8
ib.	188(d)	"	"	As far as Bahora. (Remainder in Bombay Route Book No. 268(4).)	42	0	4
ib.	189	"	BIKANER	As far as Singhana. (Remainder in Bombay Route Book No. 198.)	99	6	8
118	189(a)	"	"	As far as Basel. (Remainder in Bombay Route Book No. 198(1).)	91	6	8
ib.	190	"	BULANDSHAHR	The Grand Trunk Road	43	2	4
ib.	190(a)	"	"	Mujawali	54	7	4
119	190(b)	"	"	Chimasa	62	7	5
ib.	191	"	HISSAR	Bahlak and Hansi	104	0	9
ib.	192	"	MEERUT	Begunabad	45	0	3
120	192(a)	"	"	Bagpat and the Hindan River	53	3	4
ib.	193	"	MHOW, NASIRABAD or NEEMUCIL	As far as Shahjahanpur. (Remainder of these routes in Bombay Route Book Nos. 224, 225 and 237, respectively.)	66	0	6
ib.	194	"	MORADABAD	Filkhura and Garhmuktesar	103	6	8
121	195	"	SAHARANPUR	Bagpat and Shamli	109	4	8
ib.	196	DERA GHAZI KHAN.	LORALAI	As far as Khair (Fort Munro). (Remainder in Bombay Route Book No. 219.)	58	0	5
ib.	197	"	RAJANPUR	Fazilpur	72	0	5
122	197(a)	"	"	Hajipur	78	0	5
ib.	197(b)	"	"	The Frontier Road	93	0	8
123	198	DERA ISMAIL KHAN.	DARABAN	Kulachi	44	0	4
ib.	199	"	DERA GHAZI KHAN	Bhakkar, Karor, Leiah and Deoradin—Panah	136	0	14
124	199(a)	"	"	The District Road	127	0	13
ib.	199(b)	"	"	The Frontier Road	160	2	14
125	200	"	FORT SANDEMAN	As far as Jatta. (Remainder in Bombay Route Book No. 203.)	57	0	4
ib.	201	"	WANO	The Gomai Pass	115	4	8
126	201(a)	"	"	The Shabar and Khinara Valleys	110	4	10
127	201(b)	"	"	Sarwaki	107	0	9

Page.	Route No.	From	To	Via	DISTANCE.		Number of Stages.
					Miles.	Furlongs.	
D—concl'd.							
127	203	DERBAND (HAZARA).	OGHI, in the Aggar Valley	Nika Pani	21	0	3
128	208	DHARMSALA	SRINAGAR	Chamba, Bhadarwa and Kilahtwar	267	6	19
129	204	DHUBRI	GOALPARA	Bagribari and Chapar	78	4	6
ib.	205	"	SADIYA	The Assam Trunk Road	454	2	42
131	206	"	TEZPUR	Chapar, Raha and Mangaldai	228	4	18
132	207	DIBRUGARH	JEYPORE (ASSAM)	Tungakhat	38	2	4
ib.	208	"	KOHIMA	Sibsagar, Jorhat, Golaghat and Dimapur	290	4	20
133	209	"	TEZPUR	Lakhimpur	170	0	14
ib.	210	DINAJPUR	CHURAMAN	Kaliaganj	42	0	4
134	211	"	PURNEA	Raniganj	73	0	7
ib.	211(a)	"	"	Nekmard and Kishanganj	99	0	9
ib.	212	"	RANGPUR	Badarganj	41	3	4
135	213	DINAPORE	AREAH	Koilwar	29	0	3
ib.	214	"	BHAGALPUR	Barh, Surajgarh and Afzalganj	145	4	13
136	215	"	DEHRI	Ukhaigaon and Nasirganj	86	4	8
ib.	216	"	DARBHANGA	Hajipur	68	0	5
ib.	217	"	GAYA	Patea and Islampur	78	6	6
137	217(a)	"	"	Bekhtiarpur, Bihar and Nawadah	118	0	11
ib.	218	"	MONGHYE	Barh and Surajgarh	112	4	10
ib.	219	"	MUZAFFARPUR	Hajipur	43	0	4
138	220	"	SEGOWLIE	Kalianpur	108	4	9
ib.	221	"	UNGAON, on the Nepal Frontier.	Chak Mehal and Kantaui	104	4	8
139	222	DORANDA	CHAIKASSA	Randgaon and Chakradharpur	61	0	9
ib.	222(a)	"	"	Kharasawan	76	0	9
140	223	"	DALTONGANJ (BIJRA)	Satbarwa	100	0	10
ib.	224	"	GOBINDPUR, on the Grand Trunk Road.	Gola and Marafati	91	6	8
141	225	"	NAGPUR	As far as Durgam. (Remainder in Bombay Route Book No. 233.)	105	0	17
ib.	226	"	PURULIA	Sila and Jaypur	76	0	6
142	227	"	SAMBALPUR	As far as Jhalabum. (Remainder in Bombay Route Book No. 232.)	108	0	12
143	228	DUMKA	BAIDYANATH RAILWAY STATION.	Jarmundi	45	0	4
ib.	229	"	GODDA	Rangarh	47	0	5
ib.	230	"	JANGIPUR	Muzrai Railway Station	67	0	7
144	231	"	PIRPAINTI	Hasdiha and Godda	86	4	10
E							
145	232	EDWARDESABAD	DATTA KHEL	Miranahel	64	0	5
ib.	233	"	DERA GHAZI KHAN	The Frontier Road	234	5	21
146	234	"	DERA ISMAIL KHAN	The Peru Pass and the District Road	88	4	8
147	234(a)	"	"	The Peru Pass and Paniala	95	0	8
ib.	234(b)	"	"	The Frontier Road	111	3	9
ib.	234(c)	"	"	Laki and the Lurgi Valley	91	0	6

Page.	Route No.	From	To	Via	Distance.		Number of Stages.
					Miles.	Furlongs.	
E—contd.							
148	235	EDWARDESABAD	RAJANPUR	The Frontier Road	318	8	28
149	236	"	TANK	Peru	75	0	6
ib.	237	ETAH	BUDAUN	Kaeganj and Kachla Ghat	53	0	6
ib.	237(a)	"	"	Patiali and Kakrala	54	1	5
150	238	"	MAINPURI	Koraoli	35	0	3
ib.	239	"	MUTTRA	Hathma	67	0	5
ib.	240	"	SHIKOHABAD RAILWAY STATION.	Jasrana	30	2	3
151	241	ETAWAH	MANDRAEL	Mehgaon, Jigni and Sabalgarh	137	2	12
F							
152	242	FARIDPUR	CHUADANGA RAILWAY STATION.	Chaudpur and Jhenidah	78	4	9
ib.	243	"	DACCA	Rohitpur	49	0	5
ib.	244	"	GOALUNDO	.....	18	0	1
153	245	FATEHGARH	ALIGARH	Aliganj, Etah and the Grand Trunk Road	109	0	9
ib.	245(a)	"	"	Aliganj, Kaeganj and Gangiri	111	4	9
154	245(b)	"	"	Aliganj and Sahawar	110	4	8
ib.	245(c)	"	"	Kaimganj, Patiali, Kaeganj and Gangiri	108	2	10
ib.	246	"	BUDAUN	Kakrala	60	2	3
155	247	"	ETAWAH	Dewar	63	4	5
ib.	248	"	HARDOI	Sundi	33	0	3
156	249	"	SHAHJAHANPUR	Jalalabad	46	1	4
ib.	250	"	SITAPUR	Slalabad	63	4	8
ib.	251	FATEHPUR	FYZABAD	Lalaganj and Haldargah	118	6	11
157	252	"	PARTABGARH	Daiman Ghat and Salon	81	6	7
158	252(a)	"	"	Gutni Ghat and Lalaganj	80	4	8
ib.	252(b)	"	"	Gutni Ghat and Bilar	85	6	8
ib.	253	"	RAE-BARELI	Daiman Ghat	36	0	4
160	253(a)	"	"	Bithura Ghat	30	0	4
ib.	254	FEROZEPUR	BAHAWALPUR	Fasika and Khairpur	211	2	17
160	255	"	BIKANER	As far as Usman Khara. (Remainder in Bombay Route Hook No. 189.)	70	0	6
ib.	256	"	HISSAR	Bhadhaur, Sunam and Barwala	163	0	15
161	256(a)	"	"	Bhadhaur, Sunam, Jhind and Hansi	100	3	18
162	257	"	MONTGOMERY	Atari, Shergarh and Satghara	124	5	10
ib.	258	"	MOOLTAN	Chunian, Satghara and Harappa	212	2	18
163	258(a)	"	"	Fasika, Pakpattan and Harappa	232	3	19
164	258(b)	"	"	Fasika, Pakpattan and Jamlala	227	4	17
165	258(c)	"	"	Atari and Pakpattan	229	6	17
ib.	259	"	RAEWIND RAILWAY STATION.	Kasur	35	7	4
ib.	260	"	ROHTAK	Bhadhaur, Sunam and Jhind	104	3	18
166	261	"	SIRSA	Muktesar and Malaut	108	6	10
167	261(a)	"	"	Faridkot and Bathinda	103	2	10

F—contd.

Page	Route No.	From	To	Via	Distance		Notes at Page
					Miles	Furlongs	
167	262	FORT WILLIAM	BANKURA	Burdwan, Sonamukhi and Balutor	181	6	12
168	262(a)	"	"	Jahansbad and Bihampur	104	0	11
169	263	"	JESSORE	Dum-Dum and Barasat	77	0	8
169	264	"	KRISHNANAGAR	Dum Dum, Barasat and Ranaghat	65	6	8
170	265	"	MIDNAPORE	Bagnan and Panchkura	68	5	7
170	266	"	PESHAWAR	The Grand Trunk Road	1,404	0	132
176	267	"	SOOREE	Burdwan and Serai	128	6	18
176	268	FYZABAD	AZAMGARH	Akbarpur and Atraulia	86	4	7
177	268(a)	"	"	Akbarpur and Thulpur	100	4	8
178	269	"	BAHRAICH	Colonelganj	78	0	7
178	270	"	GONDAH	Wazirganj	80	4	7
178	271	"	GORAKHPUR	Basfi	82	2	8
179	272	"	JAUNPUR	Akbarpur and Shahganj	85	4	7
179	273	"	KHAGA RAILWAY STATION	Jagdispur and Salan	105	0	10
179	274	"	RAE BARELI	Mohanganj	71	6	7
180	275	"	TULSI PUR	Utruala	50	4	7
G							
181	276	GAUHATI	AMRATOL, in Bhutan	Mangaldai and Udalguri	78	0	7
181	277	"	DEOHANG	Mangaldai and Simgrebhat	77	0	7
181	278	"	DIWANGIRI, on the Bhutan Frontier	Daranga	61	0	6
182	279	"	GOALPARA	The Assam Trunk Road	90	0	7
182	280	"	SUBANKATTA	Daranga	50	0	7
182	281	GAYA	BIHAR	Ekangar-Serai	55	6	7
182	282	"	SHERGHATI	Mathura	25	0	7
182	282(a)	"	"	Churki	20	0	7
182	283	GHAZIPUR	CHAPRA	Balla	80	6	7
182	284	"	GORAKHPUR	Deorhi Ghat	86	0	7
182	285	"	ZAMANIA	"	12	0	7
182	286	GOLAGHAT	JEYPORE (ASSAM)	Monsul and Seffry	112	2	7
182	287	"	NEGHERITING (SHIKARIGHAT)	Dergon	18	0	7
182	288	GONDAH	BAHRAICH	Paigpur	40	4	7
182	289	"	GORAKHPUR	Basfi	105	0	7
182	290	"	RUDAYLI	Boganganj	23	4	7
182	291	"	TULSI PUR	Balrampur	45	0	7
182	291(a)	"	"	Utruala	47	4	7
182	292	GOONA	NASIRABAD	As far as Kotah (Remainder in Bombay Route Book No. 246.)	111	4	10
182	293	"	NEEMUCH	As far as Tehla, (Remainder in Bombay Route Book No. 238)	128	0	14
182	294	GORAKHPUR	CHAPRA	Gauribazar, Solempur and Manjha	116	0	11
182	294(b)	"	"	Kana and Siran	124	7	12
182	295	"	MUZAFFARPUR	Kana, Siran and Basantpur	155	2	16

Page.	Route No.	From	To	Via	Distances.		Number of stages.
					Miles.	Furlongs.	
G—contd.							
180	296	GORAKHPUR	SEGOWLIE	Kasbi and Pipra Ghat	93	0	9
191	296(a)	"	"	Padrauna and Bagaha	108	4	11
ib.	297	"	SULTANPUR	Tanda and Atharpur	90	0	9
192	298	GUJRANWALA	EDWARDESARAD	Ramnagar, Miani, Talagang and Kalabagh	278	2	25
ib.	299	"	JILANG	Jalalpur, Pindi-Matlani and Chinot	137	0	11
193	300	"	MONTGOMERY	Shakhpura, Sayadwala and Gogera	129	0	11
194	301	GUJRAT	"	Ramnagar, Hafarabad and Gogera	160	0	15
ib.	302	"	SHANPUR	Mang and Miani	99	2	9
195	303	"	SRINAGAR	Dimlor and the Fir Panjal Pass	176	4	15
196	303(a)	"	"	Rajweri, Punch, the Haji Pir Pass and Pammala	225	1	18
197	304	GERDASPUR	BAKLOH	Fathankot	61	4	6
198	305	"	CHAMEA	Fathankot and Sindkhra	79	6	7
ib.	306	"	DALHOUSIE	Dunera	77	4	7
ib.	307	"	DHAMMSALA	Fathankot and Nurpur	77	2	6
199	308	"	SIALKOT	Trimma Ghat and Zafarwal	65	0	7
ib.	309	"	SEINAGAR	Madrhpora, Bawal and Khatwar	276	0	19
200	310	GURGAON	HESAR	Jhajjar, Mahm and Hamed	103	0	9
ib.	311	"	BOHTAK	Najafgarh	42	6	4
ib.	312	GUTHNI	KEWAR GHAT (for Meerapur.)	Madrak	67	4	9
H							
202	313	HAMIRPUR	JHANSI	Rath, Man and Barwa-Sagar	182	7	11
ib.	313(a)	"	"	Rath and Kadijpur	130	1	12
203	314	HARDWAR	LAMNAGAR	Kalagarh	81	0	10
ib.	315	HAZARENAGH	BANKUEA	Chach and Baghwanpur	125	0	12
204	316	"	CHUNAR	The Grand Trunk Road and Meghalemai	204	6	18
205	317	"	DALTONGANJ (BIJRA)	Leuliganj	93	4	8
ib.	318	"	DORANDA	Rangwah	56	0	4
ib.	319	"	GAYA	Rathi and Mathlani	78	6	7
206	319(a)	"	"	Chatra, Cherpuran and Mathlani	116	0	9
ib.	320	"	FURULIA	Rangwah and SUI	95	4	9
207	321	"	RANIGANJ	Sigdhar and the Grand Trunk Road	121	6	12
ib.	321(a)	"	"	Chash, Raghunathpur and Dinkiya	121	0	11
208	322	"	SUREGHATI	Chatra and Hentarpur	71	0	6
ib.	323	"	SOOREE	Mahwara, the Grand Trunk Road and Dulrajpur	161	6	14
209	324	HESAR	BIKANER	As far as Bih. (Remainder in Bombay Route Book No. 203.)	41	0	4
ib.	324(a)	"	"	As far as Dehermand. (Remainder in Bombay Route Book No. 200(1).)	16	0	1
ib.	325	"	NASTRABAD	As far as Bih. (Remainder in Bombay Route Book No. 214.)	103	4	11
210	326	"	NEEMUCH	As far as Thana. (Remainder in Bombay Route Book No. 216.)	105	4	11
ib.	327	"	BIJRA	Fatalabad	65	4	5

Page	Route No.	From	To	Via	Distance		Number of Stages
					Miles	Furlongs	
K—contd.							
250	389	KHUSHAB	SAKESAR	Uchali			
ib	390	KOHAT	EDWARDESABAD	Kurram	30	0	4
ib.	391	"	PARACHINAR	Hangu and Thali	78	6	6
251	392	"	SHINAWARI	Hangu	116	7	10
252	393	KOHIMA	GOLAGHAT	Wokha	51	0	6
ib	394	"	MANIPUR	Kairong	101	0	8
253	395	"	NOKOKCHUNG	Sotaka	87	0	8
ib.	396	KRISHNAGAR	BAGULA BY STN.	"	113	4	16
254	397	"	BERHAMPORE	Debagram	10	0	1
ib	398	"	BOALIA (RAMPUR-BAULEAH)	Meherpur and Jalanga	55	0	6
255	399	"	JESSORE	Krishnaganj	61	4	8
ib.	400	"	NADIA	"	54	0	6
ib	401	"	SCOREE	Katwa	8	0	1
					76	6	8
L							
256	402	LAKHIMPUR	BAHRAICH	Katari Ghat			
ib	403	LALITPUR	GOONA	Chanderi and Shahdara	60	2	7
ib	403(a)	"	"	Esargah and Nyasari	83	0	8
257	404	"	SIPRI	Chanderi, Esargah and Ransud	87	2	7
ib	405	"	SIRONJ	Bahadargur	61	4	8
258	405(a)	"	"	Piprai and Mughal Sarai	73	4	6
ib.	406	LANDOUR	CHAKRATA	Lakhwar	83	0	7
259	407	"	DAGSHAI	Dehm-Dun and Rampur Mandi	89	4	4
ib	408	"	GAUMUKHI (The source of the Ganges)	Bhatnagati Bridge	98	0	12
260	409	"	JUMNOTRI (The source of the Jamna)	The Chya and Ransur passes	140	0	16
261	410	"	SIMLA	Dehra Dun, Rampur-Mandi, Balaspar, Kalka, and the New Road	115	0	17
262	411	LUCKNOW	BAHRAICH	Nawabganj and Bahramghat	188	7	18
ib	412	"	FATEHGARH	Mallahabad, Sandila and Sandi	75	6	8
263	413	"	FATHEPUR	Bithum Ghat	102	0	10
ib	414	"	FYZABAD	Nawabganj	77	6	6
264	415	"	GONDAH	Nawabganj, Bahramghat and Colonelganj	81	6	7
ib	416	"	HARDOI	Mallahabad and Sandila	72	0	8
265	417	"	JAUNPUR	Haidargah, and near Sultanpur	69	4	7
266	418	"	MAINPURI	Mallahabad, Sandila, Mallanwan and Mendhi-ghat	140	3	13
267	418(a)	"	"	Mohan, Bangarman, and the Grand Trunk Road	134	2	13
ib	419	"	PARTABGARH	Jagdispur and Amethi	136	4	12
268	420	"	RAE-BARELI	Harchandpur	106	4	10
ib	421	"	SITAPUR	Bakshi ka-Talao	47	2	4
269	422	"	SULTANPUR	Haidargah and Jagdispur	60	4	5
ib	423	"	TULSIKUR	Nawabganj, Bahramghat and Bahrampur	84	6	8
270	424	LUDHIANA	PEROZEPOR	Jagron	111	0	12
					77	4	

Page.	Route No.	From	To	Via	DISTANCE.		Number of Stages.
					Miles.	Parangs.	
		L—contd.					
269	455	LUDHIANA .	HISSAR . . .	Maler-Kotla, Sangrur and Barnala . . .	189	6	11
270	456	" . . .	HOSHIARPUR . . .	The Grand Trunk Road and Multiana . . .	45	0	4
15.	457	" . . .	MEERAN MEER . . .	Jagraon and Hariki	112	2	12
16.	458	" . . .	ROHTAK . . .	Maler-Kotla, Nabha and Jhind	163	2	13
271	459	" . . .	SIMLA . . .	Samrala, Morinda, Kalka and the New Road . . .	183	2	12
272	459(a)	" . . .	" . . .	Samrala, Morinda, Rupar and the Old Road . . .	110	1	12
15.	459(b)	" . . .	" . . .	Rupar, Badi and the Old Road	104	6	10
15.	459	" . . .	SIESA . . .	Maler-Kotla and Kabiray	112	5	8
		M					
274	451	MAHORA . . .	CHANDLA . . .	Lauri	29	0	2
15.	452	MAINPURI . . .	BATESAR . . .	Slitkotatal	41	2	4
15.	453	" . . .	ETAWAH . . .	Harera (La-hwal)	24	0	3
15.	454	MALDA . . .	DARJEELING . . .	Gajol and Titiljoh	174	0	17
275	455	" . . .	DINAJPUR . . .	Gajol and Tamboli	64	1	6
15.	456	" . . .	PURNEA . . .	Katihar	56	0	8
276	457	MANIPUR . . .	TAMU, on the road to Aukhang (Iorua).	Lak-lao River	66	0	5
15.	458	MARDAN . . .	ABAZAI . . .	The Great River Canal	30	0	3
277	459	" . . .	LANDKHOR, on the road to Srah.	.....	17	4	2
15.	460	" . . .	KALAKHAND PASS . . .	Dargai	33	6	3
15.	461	" . . .	MIR KHAN . . .	Katlang	20	0	2
15.	462	" . . .	SALIM KHAN, on the road to Chingpoh.	Jemala	24	0	2
278	463	" . . .	SHERDAERA, on the road to the front of Banar Territory	Patmali	24	0	3
15.	464	" . . .	SUREKHAWI, on the road to Wala.	Custan	25	0	2
15.	465	MEERAN MEER . . .	EDWARDESPAD . . .	Kamoke, Kamnagar, Miani and Kabalagh . . .	323	6	20
279	466	" . . .	FEROZEPUR . . .	Kasur and Ganda Singhwala	46	2	6
15.	467	" . . .	GUJRAT . . .	Shekhpura, Hafatal and Ramnagar	109	4	11
280	468	" . . .	GURDASPUR . . .	Batala	76	4	7
15.	469	" . . .	HOSHIADPUR . . .	Batala, Byt Ferry and Tanda	106	6	10
281	470(a)	" . . .	" . . .	Batala, Ferozpur and Tanda	107	2	10
15.	470	" . . .	JHANG . . .	Shekhpura, Pindi-Bhatian and Chiolet	147	4	13
282	471	" . . .	MONTGOMERY . . .	Akhar	106	3	10
15.	471(a)	" . . .	" . . .	Chunian, Shergarh and Satghara	123	1	11
283	472	" . . .	SHAHPUR . . .	Shekhpura and Pindi-Bhatian	126	0	13
15.	472(a)	" . . .	" . . .	Ramnagar and Miani	164	0	18
284	473	" . . .	SIALKOT . . .	Kamoke and Unindled	78	1	8
15.	473(a)	" . . .	" . . .	Gujranwala and Daska	80	2	8
15.	474	MEERUT . . .	BIJNOR . . .	Falwara	38	0	4
285	475	" . . .	KARNAL . . .	Flamli	63	4	6
15.	476	" . . .	LANDOUR . . .	Muzaffarnagar, Deoband and Mohand	118	2	10
286	477	" . . .	MORADABAD . . .	Gorhankhwar Ghat	72	4	7

Page	Route No	From	To	Via	Distance		Stages at stage
					Miles	Fathoms	
M—contd.							
286	458	MEERUT .	ROORKEE .	Muzaffarnagar	64	1	8
287	459	" .	SIMLA .	Muzaffarnagar, Saharanpur and Kalka	220	1	19
ib.	460	" .	UNBHALA .	Muzaffarnagar, Deoband, Saharanpur and Jagadhri.	186	4	12
288	461	MIDNAPORE .	BALASORE .	Jaleswar	76	0	9
ib.	462	" .	CHAIASSA .	Dahyuri, Narailgar and Ghatalla .	112	0	14
289	463(a)	" .	" .	Chitran and Narainagar	112	0	14
290	463	" .	SAMBALPUR .	As far as Dhubudibi (Remainder in Bombay Route Book No 264)	90	0	10
ib.	464	MINAPUR .	JAUNPUR .	Ranpur	47	6	6
291	465	" .	JUBBULPORE .	Lalganj the Nitra pass and Naibur .	211	2	23
ib.	466	MOROKHUNG	GELAKET .	Santong and Tamu	60	0	4
292	467	" .	MORIANI .	Charni	55	0	4
ib.	468	" .	WOKKA .	Koyo	88	0	6
293	469	MONGHYR .	BIRPUR, on the Nepal Frontier	Bakhtiarpur	108	4	10
ib.	470	" .	DARBHANGA .	Roorba	79	0	8
294	470(a)	" .	" .	Dalaingh Sarai	88	0	8
ib.	471	" .	GAYA .	Sutaygarh and Wazung	112	0	10
ib.	472	" .	HAZARIBAGH .	Chakri, Kharsagaha, Giridih and Bagodar .	188	4	18
295	473	" .	MADHUBANI .	Rasaria and Bohora	92	0	10
296	474	" .	MUZAFFARPUR .	Dalaingh Sarai	92	4	10
ib.	475	" .	PURULIA .	Chakri, Serampore and Gobindpur .	177	0	18
297	476	MONTGOMERY	JHANG .	Korappa	76	0	8
ib.	476(a)	" .	" .	Gugera	80	4	10
ib.	477	MOOLTAN	AHMADPUR	Shayabad and Jalpur	77	4	10
298	478	" .	BAHAWALPUR .	Lodhra	57	0	7
ib.	479	" .	DERA GHAZI KHAN	Muzaffargarh	47	4	6
ib.	480	" .	DERA ISMAIL KHAN	Bhaki, Daoudpur-Panah and Bhakkar .	188	6	18
299	480(a)	" .	" .	Munda, Fatehpur, Mankera and Bhakkar .	141	6	16
ib.	481	" .	JHANG .	Naithal and Shorlat	94	7	10
300	481(a)	" .	" .	Sara Sdhn and Shorkot	96	3	10
ib.	482	" .	MAILSI .	Tibba	50	0	6
301	483	MORADABAD	ALMORA .	Kalahungri and Baulbogh	103	0	12
ib.	484	" .	BUDAUN .	Chaudassi	67	0	8
ib.	485	" .	LANDOUR .	Najibabad, Haridwar and Dehra-Dun .	141	0	16
302	486	" .	NAINI TAL.	Kalahungri	64	0	8
ib.	487	" .	PITHORAGARH .	Rudarpur and Lohaghat	168	0	18
303	488	" .	RANIKHET .	Kashipur	107	4	12
304	489	" .	ROORKEE .	Byner	100	5	12
ib.	489(a)	" .	" .	Najibabad and Haridwar	112	6	14
ib.	490	" .	UMBALLA .	Byner, Deoband, Saharanpur and Jagadhri	180	6	18
305	491	MOPAR .	BHARATPUR .	Dholpur, Surlendi and Fatehpur-Sikri .	91	5	10
ib.	492	" .	ETAIAH .	Bhind	66	2	8
306	493	" .	JHANSI .	Dattah	54	7	7

Page.	Route No.	From	To	Via	DISTANCE.		Number of Stages.
					Miles.	Furlongs.	
M.—concl'd.							
306	494	MORAR . . .	NASIRABAD . . .	As far as Mandraol. (Remainder in Bombay Route Book No. 247.)	71	0	6
307	495	" . . .	NEEMUCH . . .	As far as Tehla. (Remainder in Bombay Route Book No. 238.)	276	4	23
308	496	MURREE . . .	ABBOTTABAD . . .	The Upper Road	40	4	4
ib.	496(a)	" . . .	" . . .	The Lower Road	39	6	3
ib.	497	" . . .	BANDIPURA . . .	Kohala and Baramula	161	0	12
309	498	" . . .	JHELUM . . .	The right bank of the Jhelum River	105	5	12
310	499	" . . .	SRINAGAR . . .	Kohala, Uri and Baramula	155	1	12
ib.	500	MUSOOREE . . .	RANIKHET . . .	Tehri, Pauri, Kimoli, Ramni, Gwalden and Dwarahat.	241	4	25
311	501	MUTTRA . . .	BHARATPUR . . .	Dig and Kumber	47	2	4
312	502	" . . .	FATEHGARH . . .	Mainpuri and Bower	184	5	11
ib.	503	" . . .	GURGAON . . .	Hodal and Palwal	90	6	8
313	503(a)	" . . .	" . . .	Dig, Ferozpur-Jhirka and Sohna	116	2	9
ib.	503(b)	" . . .	" . . .	Hodal, Hattin and Sohna	81	7	6
ib.	504	" . . .	HISSAR . . .	Ewart and Dadri	183	6	17
314	505	" . . .	MHOW . . .	As far as Basulpur. (Remainder in Bombay Route Book No. 238.)	13	4	1
ib.	506	" . . .	NASIRABAD . . .	As far as Dig. (Remainder in Bombay Route Book No. 250.)	23	6	2
ib.	506(a)	" . . .	" . . .	As far as Ulupura. (Remainder in Bombay Route Book No. 250(1).)	57	2	5
315	507	MUZAFFARGARH . . .	DERA ISMAIL KHAN . . .	Dargadin-Panah, Lelah and Bhakkar	132	2	13
ib.	508	" . . .	RAJANPUR . . .	Khangarh and the Nurpur Ferry	98	0	8
ib.	509	" . . .	BLIJNOR . . .	Rouli Ghat	29	0	2
ib.	510	MUZAFFARPUR . . .	DARBHANGA . . .	Siard	94	0	3
ib.	511	" . . .	NEPAL (KATMANDU). . .	Malloi, Makwanpur and the valley of the Bagmati.	137	0	13
ib.	511(a)	" . . .	" . . .	Dharanpur	162	0	15
ib.	511(b)	" . . .	" . . .	Malloi, Makwanpur and Hetoura	169	7	19
ib.	512	MYMENSINGH . . .	BOGRA . . .	Jamulpur and Maderganj	77	4	6
ib.	513	" . . .	RANGPUR . . .	Jamulpur, Dewanganj and Bhawaniganj	118	0	12
ib.	514	" . . .	SYLHET . . .	Chhatak	150	0	14
ib.	515	" . . .	TURA, in the Garo Hills . . .	Sherpur-Town	88	0	8
N							
322	516	NAGODE . . .	BANDA . . .	Kalijar	73	5	7
ib.	517	NAINI TAL . . .	RANIKHET . . .	Bhujan	25	6	2
ib.	518	NOWGONG . . .	ACHNERA RY. STN. . .	Chhatrapur, Panua and Nagode	103	2	9
323	519	" . . .	BANDA . . .	Mahoba and Kabrai	67	0	6
ib.	520	" . . .	LALITPUR . . .	Tikamgarh	90	4	8
ib.	521	" . . .	ORAI . . .	Mau and Saidnagar	80	1	9
324	521(a)	" . . .	" . . .	Mau, Iriah and Panch	96	7	11
ib.	522	" . . .	PHAPHUND RY. STN. . .	Mau and Jolau	126	5	14
325	523	" (ASSAM) . . .	CACHAR or SILCHAR . . .	Deboka and Gunjong	161	4	16

S—contd.

Page.	Route No.	From	To	Via	Distances		Number of Stages
					Miles.	Feetings.	
361	580	SEGOWLIE .	NEPAL (KATMANDU).	Hetoum and Chitlong .	98	2	11
362	580(a)	"	"	Motihari, Makwanpur and Hetoum .	125	3	16
ib.	581	SHAHJAHANPUR	BUDAUN .	Fatehganj .	56	6	8
363	582	"	HARDOI .	Shahabad .	40	4	6
ib.	583	"	LAKHIMPUR .	Mohamdi .	50	0	6
364	584	"	FILIBHIT .	Bisalpur .	55	0	5
ib.	584(a)	"	"	Tarayan and Purnapur .	73	4	8
ib.	585	"	UNAO .	Shahabad, Sandi, Bilgram and Malawan .	160	4	10
365	586	SHAHPUR .	DERA ISMAIL KHAN .	Khushab and Jandawala .	105	4	9
ib.	586(a)	"	"	Khushab and Wambachran .	126	4	13
366	587	"	EDWARDESABAD	Mianwali and Isakhel .	188	4	19
ib.	588	"	KOHAT .	Talangan, Pindigheb and Khushalgarh .	138	4	18
367	588(a)	"	"	Khushab, Mianwali and Kalabagh .	165	4	16
ib.	589	"	MUZAFFARGARH	Khushab, Macdawal and Raigar .	179	0	17
368	590	SHERGHATI	DALTONGANJ (BIJRA)	Leeliganj .	69	0	7
ib.	591	"	LOHARDAGA	Chatra and Dalmaith .	82	0	9
369	592	SHILLONG	CACHAR or SILCHAR .	Jorai .	122	0	8
ib.	592(a)	"	"	Sylhet .	184	0	18
370	593	"	DIBRUGARH .	Norgong and the Assam Trunk Road .	305	4	30
371	594	"	GAUHATI .	The Cross Roads .	81	0	8
ib.	594(a)	"	"	Naulong and Mairang .	94	6	8
372	595	"	KOHIMA .	The Assam Trunk Road, Golaghat and Dimapur .	318	2	30
373	596	SIALKOT	DALHOUSIE .	Trimma Ghat and Pathankot .	183	4	18
ib.	597	"	DHARMSALA .	Zafarwal, Pathankot and Narpur .	133	2	18
ib.	598	"	GANGWAL FERRY, on the Chenab.	Gondal .	14	0	2
374	599	"	GUJRAT .	Kulluowal .	33	4	3
ib.	600	"	JILANG .	Wazirabad, Jhalpur and Bakhari .	168	0	18
ib.	601	"	KHOJA CHAK FERRY	.....	10	0	1
375	602	"	SRINAGAR .	Jummoo and the Banthal Pass .	179	0	14
376	602(a)	"	"	Krimchi and the Banthal Pass .	175	6	15
ib.	602(b)	"	"	Aknur and Shapiron .	147	0	15
377	602(c)	"	"	Aknur, Rejouri, the Fir Panjal Pass and Shapiron .	191	0	17
378	602(d)	"	"	Bhimbar, Rajaori, Haji Fir Pass, Uri and Baramulla .	250	1	21
ib.	602(e)	"	"	Jummoo, Kishtwar and Sotmahad .	268	0	20
379	603	SIBSAGAR	BOMJUR	The Assam Trunk Road .	181	4	11
ib.	604	"	JEYPORE (ASSAM)	Kenduguri .	87	0	6
380	604(a)	"	"	Safiry .	61	4	7
ib.	605	SILIGURI	GANTAK, in Sikkim	The Tista Bridge .	64	0	6
ib.	606	SINLA	CHAKRATA	Pingra and Mandhol .	110	0	12
381	607	"	THE CHUR PEAK.	Paternala .	63	0	7
ib.	607(a)	"	"	Burjfal and Bhairag .	55	4	9
382	608	"	DAGESHAI	Solan .	48	6	3

Page.	Route No.	From	To	Via	Distances.		Number of stages.
					Miles.	Per stage.	
S—contd.							
388	509	SIMLA	DALHOUSIE	Badli, Hujipur and Pathankot	224	0	22
388	610	"	DHARMSALA	Jatogh, Bilaspur and Sujanpur	131	7	12
381	610(a)	"	"	Bilaspur, Nadaun and Jawalamukhi	140	6	14
ib.	610(b)	"	"	Kalka, Amb and Gopipour Derah	205	2	19
385	610(c)	"	"	Kotgarh, Dalesh, Bojwara and Baijnath	214	7	23
356	611	"	JANGI	Nerkanda, Serahan and Urni	162	0	16
398	612	"	KASAUJI	The New Road	51	4	4
ib.	613	"	LEE	Kotgarh, Sultanpur and Lingti Sarcha	378	4	36
390	613(a)	"	"	The Hindustan-Tibet Road	414	6	40
392	613(b)	"	"	Serahan, the Pin Valley, Spiti, Lahoul, the Stinkul Pass and the Leskar Country.	546	0	53
394	614	"	SRINAGAR	Kotgarh, Rampur, Sultanpur, left bank of the Beas, the Holang Pass, Tandi and Kishtwar.	498	6	48
395	614(a)	"	"	Leh	621	2	58
398	615	"	SUDATHU	The New Road	51	4	3
397	615(a)	"	"	The Old Road	22	3	3
ib.	616	SIRONJ	GOONA	Arona	40	2	5
ib.	617	"	YNOW	As far as Malwa. (Remainder in Bombay Route Book No. 232.)	122	1	11
398	618	"	NEEMUCH	As far as Tehla. (Remainder in Bombay Route Book No. 213.)	154	5	13
ib.	619	"	SEMORE	Berwa	51	1	7
399	620	SIRSA	RAHAWALPUR	Bhatnir, Sindargarh and Anupgarh	209	4	16
400	620(a)	"	"	Malaut, Fazilka and Khairpur	250	2	21
ib.	621	"	BIKANER	As far as Pipawa. (Remainder in Bombay Route Book Nos. 201 (1) or 201 (2).)	20	5	2
ib.	622	"	NEERAN NEER	Bathinda, Faridkot and Hariki	168	4	17
401	623	"	MONTGOMERY	Malaut and Dipolpur	163	4	16
402	624	SITAPUR	BAHRAICH	Mewan and Chhillari	61	7	6
ib.	624(b)	"	"	Laharpur and Tamour	66	0	7
ib.	625	"	FYZABAD	Naharpur, near Lucknow, and Nawabganj.	131	5	11
402	625(a)	"	"	Fatehpur, Barhal and Daryabad	117	6	10
ib.	626	"	GONDAH	Fatehpur, Barhal, Bahramghat and Colonelganj.	97	4	9
404	627	"	HARDOI	Kutabnagar	44	0	4
ib.	627(1)	"	"	Nim Khar	46	2	5
ib.	628	"	LAKHIMPUR	Oel	29	0	3
405	629	"	MAINPURI	Lodhi and Mendighat	125	4	13
ib.	629(a)	"	"	Mallahawan and Mendighat	131	4	11
406	630	"	PADNAHA, on the Nepal Frontier.	Laharpur, Tamour and Nanpara	107	4	11
ib.	630(a)	"	"	Dhawan, Chhillari and Nanpara	113	3	11
ib.	631	"	PILIBHIT	Aurangabad, Melanadi and Dimalpur	96	4	9
407	632	"	SHAHJAHANPUR	Maigalganj and Udeypur	58	2	5
ib.	632(a)	"	"	Kulabar Ghat and Pihani	50	4	6
408	633	"	TULSIPOUR	Chhillari and Ikaura	127	2	14
ib.	634	BOOREE	GAYA	Rajnagar, Dargah, Chikali and Wazirganj	207	5	20

Page	Route No.	From	To	Via	Distance		Remarks
					Miles	Fathoms	
S—conold.							
300	635	SOOREE	JANGIPUR.	Sainikla and Khargan	70	5	8
410	636	"	MURARAI RY. STN.	Mollarpur and Nalhati	48	6	5
ib.	637	"	RANIGANJ	Dubrajpur	34	4	3
ib.	638	SYLHET	CHANGOLA.	Ratnabari	66	0	7
411	639	"	JOWAI.	Jaintiapur	54	0	4
ib.	640	"	KHAMBERGHAT	Hingajhya	40	0	4
412	640(a)	"	"	Balganj and Adampur	96	0	1
T							
413	641	TEZPUR	AMRATOL, in Dhatan	Udaiguri	80	0	
ib.	642	"	KHEUKHERIA, on the Dhatan Frontier.	Udaiguri and Bengbari	64	0	
ib.	643	TIKAMGARH (TEBRI)	NOWGONG.	Falehra	53	0	
414	643(a)	"	"	Esannagar	55	0	
U							
415	644	UMBALLA	BAHAWALPUR	Patnala, Sangrur, Malaut, Fazilka and Khairpur.	342	0	
416	645	"	DAGSHAI	Kalka and the New Road	59	2	
ib.	645(a)	"	"	Nahan	67	0	
ib.	646	"	DIARHISALA	Rupar, Bilaspur, Suket and Baijnath	167	2	
417	647	"	FEROZEPUR	Patnala, Nabha, Maler-Kotla and Bhudni-Kalon	150	2	
418	648	"	HISSAR	Kaithal and Barwala	113	5	
ib.	649	"	JUTOGH	Kalka and the New Road	96	6	
ib.	650	"	KASAUJI	Kalka and the New Road	61	6	
419	651	"	LANDOUR	Bilaspur and Dehra-Dun	108	3	
ib.	652	"	LUDHIANA.	Patnala and Yera	87	4	
ib.	653	"	ROHTAK	Kaithal and Jhind	119	2	
420	654	"	SIRSA.	Patnala and Badliabad	187	0	
421	655	"	SUBATHU	Kalka and the New Road	65	1	
W							
ib.	656	WAZIRABAD	PASRUR	[Daska	85	4	

ROUTES.

Route No. 1.
FROM ABBOTTABAD TO CHATTAR PLAIN.
via SHINKIARI.

AUTHORITIES.		Names of stages and place of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	MANSABRA . 440 x 140 yds. p-o. t-s. b.	16	16	A large village on both sides of the road and on left bank of a large stream, which is crossed by a substantial bridge; supplies procurable; plentiful water from the stream; C-G. adjoins b.; country hilly; road unmetalled, 20 ft. wide as far as Khaki and about 8 ft. beyond; fit for cavalry all the way and for wheeled traffic up to Khaki; gradients steep in places; descend to and ascend from 8 unbridged streams, fordable except after heavy rain; direct roads from Mansabra to the Galle strike off at 4½ and 3 m. from Abbottabad, <i>via</i> Nawasahr; the first is rough, the second good.
		SHINKIARI . p-o. b.	11½	27½	A village at N-E. corner of the Pakhil valley, on left bank of the Siran; supplies on notice; water from the river; waste land surrounding police stn. and cultivated land available for C-G.; country as above; road, though not metalled, is kept in good repair, the last mile along left bank of the Siran; the latter is fordable except after heavy rain.
		AHAL . b.	12½	40	A village in Koneh on the spurs of the Saldhar hill, elevation 4,750 ft.; a few supplies on notice from Batal, 8½ m. distant; good spring water just above b.; space for C-G. limited except in terraced fields; road, 6 to 10 ft. wide, passable for cavalry; mule transport recommended, as it is difficult for camels; some of the gradients are 1 in 6, but only for short distances; it runs 1 m. due N. near left bank of the Siran, then W., whence road to Bhogarmung branches off N.; on leaving the Siran enters a cultivated plain and at 5½ m. (17th mile stone from Mansabra) crosses the Siran (40 yds. broad, 2½ ft. deep in hot weather, bad boulders); then up the Butkas valley by a well kept 7 ft. hill road, winding through thick forest; 1½ m. before reaching b. leaves woods and pass along the cultivated lower slopes of Saldhar hill.
		CHATTAR PLAIN.	7	47	An upland basin in the hills separating Nandihar and the British valley of Koneh, cultivated and well supplied with water, and crossed by some deep nullahs; supplies procurable in the valley itself, which contains several villages, and from Batal, 8½ m. distant; any area of cultivated plain available for C-G.; a good hill road with short steep gradients in places, but practicable for camels; pass to the left of Batal at 3½ m.; cross the Butkas (fordable except after heavy rain) and up the hills bounding valley on W. to their crest, beyond which is the plain, entered by road at 8-E. corner.
		Total marches, 4 = 47 m.			

Route No. 1(a).
FROM ABBOTTABAD TO CHATTAR PLAIN.
via OGHI.

AUTHORITIES.		Names of stages and place of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara District, Abbottabad.	MANSABRA .	16	16	See Route 1.
		KHAKI 280 x 160 yds.	9	25	A village on right bank of the Siran R. supplies on notice; water from the river; C-G. on the roadside; country hilly; road, practicable for camels, traversing the Pakhil valley and crossing the Icher which is easily forded; cross the Siran (always fordable except after heavy rain) to enter camp.
		OGHI . p-o. t-s. b.	11	36	There is a square fort for about 75 rifles, 1 m. from the village; supplies on notice; water from a well in, and a good spring 300 yds. N.W. of the fort, round which is extensive C-G.; country as before; road only fit for mules.
		AHAL . b.	11½	47½	Country mountainous; road, 6 to 10 ft. wide, passable for horses, but difficult for camels; cross the Kathai pass (thickly wooded and steep in places) at about 7½ m.; a steep rise for the last 1½ m. up to Ahai from the Butkas ravine; cross the Serore and Butkas (generally fordable) <i>ad</i> route.
		CHATTAR PLAIN.	7	54½	See Route 1.
		Total marches, 5 = 54½ m.			

Route No. 2.
FROM ABBOTTABAD TO CHILAS.
via JABA, BALAKOTE, AND KAGHAN.

AUTHORITIES.		Names of stages and place of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Hazara, Abbottabad.	MANSABRA .	16	16	General Remarks.—This is the shortest route to Chilras and Gilgit. It is, as a rule, only practicable between the 1st July and the 31st October. Camel transport could be used as far as Balakote. At least 15 days' notice should be sent to the Dr. Commr., Hazara, to facilitate the collection of supplies, as all grain supplies will generally have to be sent from Balakote, and fuel collected and sent to Bawal and Gilgit. All bridges below Kaghan have a roadway 8 ft. wide; all above Kaghan, 6 and 6½ ft., except the two at Bawal, which have 8 ft. roadway. Bridges are not capable of bearing field artillery. Road maintained by P. W. D. as far as the crest of the Babosar pass.
					See Route 1.

AUTHORITIES.		Names of villages and size of surrounding grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	JABA	18	29	A small village situated on a rise between the Java and Isbani nullahs, elevation 3,780 ft.; supplies on notice; plentiful good water from a spring and running stream close to b., near which is site for C-G.; sufficient for 2 regts.; country hilly and intersected in parts by nullahs; road roughly metalled, 20 ft. wide, practicable for all arms including wheeled transport as far as Uttarashiba (9 m.); no gradient exceeding 1 in 12; all nullahs bridged; at 8½ m., near Uttarashiba, leave main road (which runs S. to Garhi-Habibullah; distant 18 m., thence on to Balakote, 12½ m. further) and take road to left; width of this is 8 ft. with a 8 ft. strip of metal, suitable for camel transport; road passes through nullahs till Jaba is reached.
		BALAKOTE p-o. b.	11	40	A large and important village on right bank of the Kunhar, elevation 3,680 ft.; supplies abundant; good water from the river 160 yds. from C-G., site for which, sufficient for 2 regts., is close to b.; there is also space on waste land, on the left bank (river crossed by a suspension bridge) nearly opposite b., to encamp 1 regt.; this latter space could be used at any time except during rainy season; country as above; road excellent, width 8 ft., practicable for pack animals including camels; cross the Dum Gali pass at 1 m., from whence there is a steady but easily graded descent to Bisan village which is reached at 4 m.; no gradient exceeds 1 in 12, and that only for short lengths; thence the road is level, keeping on the right bank of the Kunhar (or Saisosakh) and well above flood-level.
		KAWAI b.	12½	62½	A small village, elevation 4,985 ft.; supplies on notice; grass and firewood in abundance; plentiful good water from the Kawai stream, 100 yds. from b., near which is site for C-G., as well as 1 m. further on, and in corn-fields in vicinity; country and road as above; cross to left bank of the Kunhar on starting by an iron suspension bridge, thence road keeps well above the river; cross the Sangar nullah at 4½ and the Ghannul at 10 m., both bridged.
		MANDRI b.	13	65½	The b. is reached at 13 m., the village (a small one) being about ½ m. further on, elevation 5,154 ft.; all grain supplies must be brought from Balakote; grass and fuel abundant; milk, eggs, and sheep procurable locally in limited quantities; good water from the Kunhar R.; space to encamp 3 regts. with transport to land surrounding b., which is situated at the junction of the Manar nullah with the Kunhar; further space, for a large force, can be found on right bank of the Manar; country and road as before, but latter liable to small landslips; from Kawai to Paras, 9½ m., a steady descent, thence road keeps close to left bank of the Kunhar, above flood-level, being in some places built out over the river; reach Malkandi at 6½ m.; ample space here for C-G.; at 7½ m. cross the Bhanjash nullah (bridged) and pass Javed at 11½ m.
		KAGHAN	11½	77	One of the largest villages in the valley, occupied by Sikhs, elevation 6,750 ft.; grass and fuel in abundance, but other supplies limited; good water from the Kunhar R.; troops can encamp on terraced fields either (1) ½ m. on the Mandri side of b., on right side of road under a clump of walnut trees, or (2) on right of road just beyond b.; country and road as before; cross the Manar nullah on starting, pass Mandri at 1, cross the Natri nullah (bridged) at 2½ and pass Phagul at 4 m.; road keeps well above flood-level with a few steep gradients, not exceeding 1 in 7, and that only for short lengths, till it again descends to the river bank, when Diran Bela is reached at 7 m. (here there is ample space for halting or for encampment of 1 regt.); road then ascends by a 1 in 10 gradient to Lerial, 8½ m., and then descends till Kaghan is reached at 10 m.
		NARANG	14	91	NOTE.—There is a fairly level grassy slope about 1 m. before reaching the rest-house. Troops should, on no account, encamp here, as this spot is liable to mud-slips from the hill above.
					A small village, elevation 8,010 ft.; no supplies procurable; fuel and grass in abundance; good water from the Kunhar R.; ample space for encampment of a brigade on waste, grassy land S. of b., which, in winter, is sometimes covered by a deep snow-drift; country as above; road as before, but with no gradient exceeding 1 in 10, running the whole way up the left bank of the Kunhar and close to it, but above flood-level; pass Rajwal at 3 m. on the right bank of the river which is bridged here; all important nullahs bridged; at about 11 m. the Bhimhal nullah flows into the Kunhar on its right bank; this nullah leads to the Malik-Seri pass; it is said to be open about the same time as the Babuser and practicable for Indian country ponies, though the ascent is steep.
		BHATTA KUNDI	9½	100½	A small village, elevation 8,820 ft.; grass and fuel in abundance, but limited quantities of sheep, milk, etc., procurable; abundant good water from the nullah, on right bank of which is extensive site for C-G.; country as above road, as before, passes through Narang village and crosses the Narang nullah a ½ m., thence runs close to left bank of the Kunhar R.; valley then widens as the river opens out into several smooth reaches; pass Sakoch, on right bank at 6 (this village is at the mouth of the Sept nullah, up which lies a route to the Sept pass, one of the most frequented routes into Kohistan), Bhatta Kundi at 8, and the b. at 9 m.; thence descend to Bhatta Kundi nullah (bridged).
		BURAWAI	9	109½	A cluster of huts on right bank of the Kunhar R., elevation 9,740 ft.; grass and fuel abundant, but no other supplies; plentiful good water from the Burawa nullah, on the right bank of which and close to bridge is site for encampment of one regt.; country as above; road, as before, runs on left bank of the Kunhar R., but well above it, following the contour of the hills; from mlla to 4 road is apt to be blocked by avalanches; cross a snow-bridge at 4½ m. which will require strengthening to bear weight of mules; cross the Dung Katta stream at 5 m. and the Burawai nullah (bridged) at 9 m.
		BASAL	12	121½	No village, but a defensible block-house, two-storied, with 15 loop-holes, no bullet-proof door, elevation 10,760 ft.; grass procurable, but little fuel and other supplies; ample good water from the Basal and Kunhar rivers which are close to block-house, surrounding which is site for encamping 4 regts.; in a large force there is space on grassy slopes in vicinity; country and road as above; cross to right bank of the Kunhar (strongly bridged above flood-level at 1 m., thence road keeps well above right bank of the river; pass Wali at 5 and Seri at 7 m.; from here road ascends by grades 1 in 9 and 1 in 10 above the cliffs bordering the river, descending again till Basal is reached.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	GITTIDAS . . .	8	129½	No village, elevation 12,060 ft.; no supplies except grass and fuel; abundant good water from the Gittidas stream, on banks of which is extensive site for C-G.; country as above; road, as before, ascends, by easy grades, the valley which narrows into a gorge, keeping on right bank of the Kunhar which it crosses by a strong bridge at 2 m.; reaches the Lulesar (a lake and the source of the Kunhar) at 2½ m., skirts E. bank of the lake which is crescent-shaped and about 1½ m. in length, and thence keeps to left bank of the Gittidas stream, but well above it, following the contour of the hills, easy gradients; from here road passes over grassy slopes till Gittidas is reached.
		BABUSAR . . . b.	11½	140½	A village, elevation 9,200 ft.; no supplies except grass and wood; water good and plentiful; C-G. near upper village; road, as before, ascends by a gradient of 1 in 10 till the Babusar pass (elevation 13,700 ft.) is reached; thence a difficult descent, gradient 1 in 7.
		SINGAL . . . b.	15	155½	A large village and sarai; supplies obtainable, but limited; plenty of good water from an irrigation channel which runs through C-G., site for which is near village in fields accommodating about 800 men; if more space is required it may be found at Darsan, 2 m. below Singal; country as above; road unmetalled, 10 ft. wide, bridges, and suitable for pack animals including camels; steepest gradient 1 in 10; pass Thak at 10 m., where supplies are procurable; at 13½ m. cross the suspension bridge communicating with Singal village.
		CHILAS . . . p-o.	11	166½	A large village with a good bazar; supplies and fodder obtainable; plentiful good water close at hand from an irrigation channel out of the Botogh nullah; extensive site for C-G. close to and opposite fort; country and road as before pass Darsan at 2, a 6 ft. road which makes a short cut to Chilas and diminishes distance from 11 to 10 m. at 5 m., strike Indus valley road at 6 and cross the Botogh stream at 10 m.
		Total marches, 14 = 166½ m.			

Route No. 3.
FROM ABBOTTABAD TO DERBAND.
via HARIPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	SULTANPUR . . . 720 x 570 yds.	10½	10½	A village and sarai with one room for travellers; supplies on notice; water from an irrigation channel, a tank and also from a deep well on C-G., which is on roadside; country fairly cultivated; road bridged, about 40 ft. wide, of which 10 ft. are metalled as far as Haripur, passable for all arms; wheeled transport can be used as far as Barukot; ruling gradient 1 in 10; camel transport recommended beyond Barukot, where road is unmetalled and about 15 ft. wide; descend to Khulkar at 6 m., thence a gentle descent to the Dore, crossed at 9 m.; fordable except after heavy rain.
		HARIPUR . . . 500 x 470 yds. p-o. t-s. b.	12½	23	A municipal town; supplies abundant; water from irrigation channels and a pipe water-supply; C-G. on roadside; country and road as above; unfordable nullahs bridged; unbridged nullahs have good approaches; pass Makend and Sarai Salah at 7 m.
		BARUKOT . . . 703,200 sq. yds.	8	31	A village; supplies on notice; water from the Dore R.; C-G. on banks of Siran opposite Kundryala, usually available; country undulating and intersected; road tolerably good and fit for guns; the Dore R. is crossed twice towards end of march, fordable except after heavy rain.
		NAWAN GIRAN . . . 85,550 sq. yds.	10	41	A small place; supplies must be collected; water from the Indus and from springs; spare ground available for C-G.; country hilly; road practicable, but difficult for guns; pass Mira and Swabi at 4 m.; no water on road except from one tank; the Siran R. is crossed immediately on leaving Barukot, fordable except after heavy rain.
		DERBAND . . .	10	51	A village on left bank of the Indus nearly opposite Amb; supplies must be collected; good water plentiful; ample space for C-G. on river bank; country hilly and wild; road rocky and difficult, but practicable for guns, winding up left bank of the Indus; pass Lalugully at 3 and Kirpilyan at 5 m.
		Total marches, 5 = 51 m.			

Route No. 3(a).
FROM ABBOTTABAD TO DERBAND.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	GADA . . .	13	13	A village; supplies procurable for small parties only; plentiful good water from a spring 300 yds. S.E. of C-G., site for which, for a bath, is in corn-fields to W.; road suitable for mule transport; steepest gradient 1 in 6.
		SERI SHER SHAH . . .	9	22	A small village; few supplies procurable; water plentiful from the Siran R., on bank of which is ample space for C-G., also room to camp in fields; country mountainous; road only fit for horses and mules at a walk, much up and down hill; the river is fordable in winter, also ferry-boat; Hal is passed at 2½ and Kangars at 5 m.
		LALUGULLY . . .	15	37	A village; supplies on notice; indifferent water from the Indus close by, but good water from a stream R. of village and about 400 yds. from C-G., spacious site for which is in fields to W.; country and road as above, latter steep and stony in places; pass Badoura at 6 and Hussain Bhai at 11 m.
		DERBAND . . .	7	44	See Route 3. Country and road as above.
		Total marches, 4 = 44 m.			

Route No. 4.
FROM ABBOTTABAD TO EDWARDESABAD.
old HARIPUR, PATAHJANG, AND KALABAGH.

ACTIVITIES.		Names of stages and size of occupying grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Punjab Frontier Force, Abbottabad.	By Commissioner of Hazara, Abbottabad.	SULTANPUR.	10½	10½	} See Route 3.	
		HARIPUR .	12½	23		
		HATAR .	18½	30½		
		SARAI KALA 450 x 170 yds. p-o. r-s.	8½	45	A village; supplies abundant; good but limited water from a well, close to which is extensive site for C-G.; country undulating; road, about 30 ft. wide, neither metalled nor bridged, but suitable for all arms; cross a nullah at 1, another at 5, both only difficult after heavy rain, and pass Kot Najibullah at 6½ m.	
		JOD THAIRBAITI.	8	58	A small village; supplies on notice; good but limited water from Bodra Khaballah close at hand; extensive site for C-G. anywhere in vicinity of village; country hilly in parts, but mostly level and intersected by ravines; road unmetalled, unbridged and unsuitable for artillery.	
		PATAHJANG 180 x 180 yds. p-o. b.	8	61	A large village; supplies procurable; plentiful good water from wells and tanks in the vicinity of C-G., which is 170 yds. S. of village; country and road as before.	
		KOT (GUDHA)	11	72	A large village; supplies on notice; plentiful good water from wells in vicinity of C-G., site for which is close to village; country undulating, partly cultivated, partly covered with jungle; road (seldom used by troops) as above, but suitable for all arms; pass Burj at 5 m.	
		THATI .	10	82	A small village; supplies on notice; limited water from a tank close to village, near which is extensive site for C-G.; country and road as above, but latter difficult when crossing nullahs; pass Darial at 4 m.	
		DHANDI b.	14	96	A small village on the right bank of the Sil R., 1½ m. N.E. of Pindigheb (p-o.); supplies on notice; plentiful good water from wells and the river, on the bank of which is site for C-G., about ½ m. W. of village; country and road as above.	
		NAKA 106,480 sq. yds.	11	107	A small village; supplies scarce; plentiful good water from the Sil R. and from wells, ½ m. from which is site for C-G.; country intersected by ravines; road as above; pass Chaki at 4½ m.	
		SHAH MUHAMMADWALA.	14	121	A large village on left bank of the Sohan R.; supplies procurable; plentiful good water from wells, near which and S. of village is extensive site for C-G.; country undulating and sandy; road as above; cross the Sil R. at 1, pass Ramtha Ali Dink at 4, cross the Sohan at 5 m. and again at end of stage.	
		G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Rawal Pindi, Rawal Pindi.	NIKI 100 x 200 yds.	10	131	A small village; supplies on notice; plentiful good water from a nullah and a tank (in ruins) close to C-G., which is S. of village; country cut up by ravines; road as above, but difficult after rains; cross the Gohir, a dry nullah, at 7 m.
MARI 60,000 sq. yds. p-o. r-s. b.	17			148	A small village on the left bank of the Indus; supplies on notice; plentiful good water from the river, ½ m. from which is C-G.; country hilly and barren; road as above.	
KALABAGH . 46,980 sq. yds. p-o.	3			151	A town on the right bank of the Indus; supplies plentiful; good water from the river, near which and S-W. of town is C-G.; country as above; road, 20 to 25 ft. wide, unmetalled, but suitable for artillery; cross the Indus at end of march by ferry of 4 boats carrying 40 men each. Time taken in crossing, in cold weather, 1 hour, in hot weather, 3 hours per trip.	
KAMARNASHANI. 180 x 160 yds. p-o.	1½			153½	Two villages; supplies on notice; plentiful good water from wells in vicinity of C-G., which is just outside the villages and N. of road; country wild and much cut up by water-courses from the Indus; road fair, heavy in places, and difficult after rains; pass Jalapur at 5, Bhodanal at 9 and Mandas Kiel at 11 m.	
ISRAHEL 220 x 220 yds. p-o.	14			170½	A small town on the right bank of the Indus; supplies plentiful; good water from a well, a tank and the canal close to C-G., which is N. of and near sarai; country and road as above; pass Ting (p-o.) at 5 and Kallar at 8 m.	
DARRA TANG 52,930 sq. yds.	8			187½	A small sarai and police stn.; supplies on notice; good water from the Karnra R., on right bank of which and near sarai is C-G.; country and road as above; cross the Karnra at end of stage; fordable, except in summer.	
LAKI 180 x 190 yds. p-o. b.	10½			203½	A town; supplies plentiful; good water from wells and from the Gambila R., on right bank of which and near sarai is C-G.; country and road as above; pass Jandwall at 6½ m.	
NAURANG SARAI.	16			219½	A sarai and police stn.; supplies on notice; plentiful good water from a well, and from canals close to C-G., site for which is N. of and near sarai; country level, open and cultivated; road unmetalled, sandy in parts, but good and bridged, except over the Gambila R. (always fordable except after heavy rains) which is crossed on sturlings.	
EDWARDESABAD 400 x 250 yds. p-o. r-s. b.	16			234½	A cantonment and civil stn.; supplies abundant; plentiful good water from canals and wells on C-G., which is near Fort Dhalipgarh; country as above; road metalled, bridged, and passable for all arms; cross the Baran stream at 10 m.	
Total marches, 20 =						
234½ m.						

Route No. 5.
FROM ABBOTTABAD TO KOHAT.
via HARIPUR AND KHUSHALGARH.

5

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Commr. of Harwal Pindi, Abbottabad.	SULTANPUR	10½	10½	See Route 3.
		HARIPUR	12½	23	
		HATAR	13½	36½	
		SARAI KALA	6½	43	See Route 4.
		JOD THAIRBAITI	8	51	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Rawal Pindi, Rawal Pindi.	FATAHJANG	8	59	
		GAGAN 300 x 200 yds. p-o. r-s.	9	70	A small village; supplies on notice; plentiful fair water from a well on, and from a tank near C-G, which is S. of and close to village; country partially cultivated and jungle; road unmetalled, unbridged, and unsuitable for artillery; pass Karama at 4 m.; r-s. 1 m. E. of camp.
		DIHOK PELA (KAMILPUR)	10	80	A small village; supplies on notice; good but limited water from a tank 400 yds. S. of village, near which is site for C-G; country flat and cultivated; road metalled, bridged, and suitable for all arms. Chaurra r-s. is 1½ m. from village.
		PIND SULTANI 200 x 250 yds.	12½	92½	A large village; supplies on notice; plentiful good water from a well and a stream near C-G, which is about ½ m. W. of village; country and road as above. Pind Sultani Road r-s. is 8 m. N. of village.
		JANO 810 x 225 yds. p-o. r-s.	12½	105½	A small village; supplies obtainable; plentiful good water from a well on, and other wells in vicinity of, C-G, which is about ½ m. N. of village; country and road as before; pass Bangli at 4 m.
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	KHUSHALGARH p-o. r-s. b.	9	114½	A large village on the right bank of the Indus; supplies on notice; water from the river; C-G. nearly opposite b.; country undulating and broken, but generally cultivated; road as above, except on each side of river, where the road is below flood-level; pass r-s. at 7, Mankur at 8 m., and cross the river at end of stage by bridge-of-boats from September to June and by ferry at other seasons.
		GUMBAT 150 x 150 sq. yds. p-o.	15	129½	A large village; supplies on notice; plentiful good water from streams and wells; C-G. close to village; country undulating, stony, and barren; road as before; pass Tilkana at 8 m.
		KOHAT p-o. r-s. b.	15	144½	A cantonment and small civil etc.; supplies plentiful; abundant good water from pipes laid on to C-G, which is on parade ground near church; country undulating and fairly well cultivated; road as before; pass Hargir Bandah at 7½ and Barogh at 11½ m.
		Total marches, 13 = 143½ m.			

Route No. 6.
FROM ABBOTTABAD TO MARDAN.
via HARIPUR AND TORBELA.

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Commr. of Harwal Pindi, Abbottabad.	SULTANPUR	10½	10½	NOTE.—Road passable for all arms, but rather narrow in some parts between Thapla and Torbela, and difficult for wheeled transport beyond Thapla; road generally level, but gradient 1 in 16 in places; culverts will bear artillery. } See Route 3.
		HARIPUR	12½	23	
		THAPLA 64,010 sq. yds.	5	31	
		TORBELA 350 x 350 yds. p-o.	5	36	A village on left bank of the Dore and opposite Barakot; supplies on notice; water from the river, on banks of which is space for C-G.; country undulating and raviny; road, 10 to 40 ft. wide, unmetalled, but fit for guns; the Dore is fordable except after heavy rain.
		TOPI 350 x 200 yds. p-o.	12	48	A small town on left bank of the Indus; supplies on notice; water from a well in Ghana, outside which is C-G.; river about ½ m. distant; country hilly; road runs down left bank of the Dore, tolerably good and fit for guns; cross the Siran at junction with Dore, soon after leaving Thapla, and again shortly before reaching Torbela, fordable except after heavy rain; from Torbela road runs N. to Derland and S. along left bank of the Indus to Ghazi, Hizaro and Attock.
Deputy Commissioner of Peshawar, Peshawar.		SWABI, MANEYRI 160 x 140 yds.	12	60	A fair-sized village, lying 3½ m. from right bank of the Indus; supplies on notice; abundant water from wells in and S.W. of village, a short distance from which and S. of road is C-G.; country near Topi an open undulating plain; the road, at first stony and difficult for guns, runs down the left bank of the Indus, where it is commanded by low hills, which come close to the edge of the river; at about 7½ m. cross the river (160 yds. wide) by ferry, 18 boats, each carrying about 40 men, obtainable on short notice. In the rains the ferry is about 1½ m. lower down; the road on the right bank is fair but stony. From Topi a road runs N.E. along right bank of the Indus to Riana, 18 m., via Kabal (a village on opposite bank to Torbela), 12 m.
				Two large villages; supplies on notice; 2 wells at tehal would supply water for 2 regts.; C-G. outside tehal, to S. of road; country flat and well cultivated to S.; road fair; a shorter route available for transport, via Garhi Ismailzai, leaves main road at Swabi Manezyri and joins again at Hoti.	

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Peshawar, Peshawar.	ISMAILA 800 x 200 yds. p-o.	14	74	A fair-sized village, lying in an extensive plain, intersected by nullahs to the S.; supplies on notice; water from wells, of which there are several; C.G. on cultivated land S-W. of village; country well cultivated; road good, crosses two nullahs, fordable in the rains.
		MARDAN 600 x 400 yds. p-o. t-a. b.	11	85	
		Total marches, 8 = 85 m.			

Route No. 6(a).
FROM ABBOTTABAD TO MARDAN.
via SERI SHER SHAH AND TORBELA.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commissioner of Hazara, Abbottabad.	GADA	18	18	See Route 5(a).
		SERI SHER SHAH	9	28	
		BIR	4	25	
		THAPLA	8	34	A village; few supplies procurable; water plentiful from the Siran R.; country mountainous; road, a mere pathway, fit for mules. Road unmetalled, from 5 to 10 ft. wide and gradient about 1 in 6; crosses the Siran R. at village of Pind Khan Khel and the Dora R. just before reaching Thapla, both fordable.
		TORBELA	5	39	
		TOPI	12	51	
		SWABI, MANERYI	12	63	See Route 6.
		ISMAILA	14	77	
		MARDAN	11	88	
		Total marches, 9 = 88 m.			

Route No. 7.
FROM ABBOTTABAD TO SHAHPUR.
via HARIPUR, TALAGANG, AND JABA.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Peshawar, Peshawar.	SULTANPUR	10½	10½	See Route 3.
		HARIPUR	12½	23	
		HATAR	18½	36½	
		SARAI KALA	8½	45	See Route 4.
		JOD THAIRBATTI	8	53	
		FATAHJANG	8	61	
		DRURNAL	14	75	A small village; supplies on notice; water plentiful from wells and streams close to C.G., site for which is near village; country fairly cultivated; road fair, but much intersected by nullahs, all of which are fordable.
		DULLA 48,400 sq. yds.	14	89	
		RUPWAL 88,820 sq. yds. p-o.	13	101	
		TALAGANG 48,400 sq. yds. p-o.	11	112	A large village; supplies plentiful; abundant good water from wells close to C.G., site for which is near village; country level and fairly cultivated; road, 60 ft. wide, unmetalled, and unsuitable for artillery; pass Harniwala at 10 m., crosses the Sohan R. immediately afterwards, and crosses a branch of the river at end of stage.
		KITCHI	11	123	
					A village; supplies on notice; plentiful good water from wells close to C.G., site for which is near village; country as before, but intersected by ravines; road as above; pass Bhagwal at 8 m.
					A small town; supplies plentiful; abundant good water from wells in vicinity of C.G., site for which is close to village; country and road as before; crosses the Gohir R. about half-way.
					A small village; supplies on notice; indifferent and limited water from wells close to C.G., extensive site for which is near village; country as above; road as before, but only 20 ft. wide; pass Jatha at 8 m.

AUTHORITIES.		Names of stages and size of surrounding ground.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. G. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Shahpur, Shahpur.	JABA . . .	11	181	A small village; supplies on notice; plentiful good water from 8 wells near C-G, site for which is close to village; country hilly and well cultivated; road as above, but level and only 11 ft. wide.
		SODHI . . .	0	143	A small village; supplies on notice; plentiful good water from a stream near C-G, site for which is near halting place; country and road as above.
		KATHWAI . . .	8	161	A small sarai on the top of the salt range; supplies on notice; good water, for a battn., from a well at halting place; C-G. close to sarai; country as above; road as before, but uphill for the first 6½ m.; cross a nullah (strongly bridged) at end of stage.
		NARIWALA . . .	6	167	A sarai; supplies on notice; plentiful good water from a tank which is close to sarai and supplied by a channel from the hills; cramped site for C-G. near tank; country hilly at first, then flat; road 18 ft. wide, unmetalled, uphill for the first mile and afterwards down hill to the plains; pass Rahmatwala at 6 m.
		KHUSHAB . . . 112,200 sq. yds. p-o. t-s. r-a. b.	12	160	A town on the right bank of the Jhelum R.; supplies procurable; plentiful good water from tanks and the river; ½ m. from which and W. of town is C-G.; country flat and cultivated; road unmetalled, good in dry weather, but liable to inundation.
		SHAHPUR . . . 239,620 sq. yds. p-o. t-s. b.	8	177	A small civil station; supplies procurable; plentiful good water from wells and the river; C-G. S-E. of and close to station; country as above; road unmetalled, but good and suitable for wheeled traffic; cross the Jhelum below Khushab by bridge-of-boats in winter, by ferry of 8 boats carrying 60 men each in summer, and pass Shahpur city at 6 m.
		Total marches, 17 = 177 m.			

Route No. (7a).
FROM ABBOTTABAD TO SHAHPUR.
 via HARIPUR, HASAN ABDAL, CHAUNTRA, AND CHAKWAL.

AUTHORITIES.		Names of stages and size of surrounding ground.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. G. Frontier Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	SULTANPUR . . .	10½	10½	} See Route 3.
		HARIPUR . . .	12½	23	
G. O. G. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Rawal Pindi, Rawal Pindi.	DIEDAR . . . 820 x 370 yds.	5½	31½	A small village; supplies on notice; good water, for a battn., from 2 wells on and near C-G, which is W. of and close to road; country flat and cultivated; road metalled, bridged, and suitable for all arms; pass Pannoh at 6 m.
		HASAN ABDAL . . .	12	43½	See Route 266. Country as before, hilly on E. side; road as above.
		JHANG . . .	11	64½	A small village; supplies on notice; plentiful but indifferent water from 2 wells and a spring; extensive site for C-G. S-W. of village; country hilly and partially cultivated; road unmetalled, bad, and impracticable for artillery as far as Pind, which is paved at 4 m.; after Pind the road improves.
		FATAHJANG . . .	10	64½	See Route 4. Country rocky and barren; road unmetalled, bad, and impracticable for artillery for first 6 m., after which it improves; cross the Bahudra at 1½ and the Nandan at 3½ m.
		MALIAL . . . 600 x 600 yds.	12	76½	A large village; supplies procurable; good but limited water from one well near village, close to which is site for C-G.; country as above; road as in latter part of last stage.
		MAJAT . . . 600 x 400 yds.	11	87½	A village; supplies on notice; plentiful good water from wells and the Sil R. on right bank of which is site for C-G.; country and road as above.
		CHAUNTRA . . . 1,000 x 250 yds. p-o.	11	98½	A large village; supplies on notice; good water from the river, on bank of which is site for C-G.; country flat and cultivated; road as above; cross the Sil on starting and the Sohni at end of stage, both by fords, latter impassable during rains, though the water subsides quickly.
		SAEKAL . . . 38,720 sq. yds.	16	114½	A large village; supplies plentiful; good but limited water from wells and the nullah bed close to C-G., which is W. of village; country as before; road unmetalled, rough, and stony, unsuitable for artillery; cross the Yandla R. at 6 m.
		CHAKWAL . . . 200 x 200 yds. p-o.	16	130½	A small town; supplies plentiful; good but limited water from 2 wells close to C-G., which is N. of town and close to tehal; country and road as above.
		PHOK TALIAN . . . 43,400 sq. yds.	19½	144	A very small village; supplies on notice; good but very limited water from the bed of the nullah, close to which and W. of village is site for C-G.; country undulating and partially cultivated; road unmetalled, but good and practicable for all arms; cross the Dinhar R. (bridged) at 8 m.
G. O. G. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	CHOYA-SAIDAN-SHAM . . . p-o.	7	161	A large village; supplies plentiful; abundant good water from springs and from a stream running through village, near which is site for C-G.; country as before; road as above, but steep and difficult for camels, crossing the salt range. Road branch off from here to Jhelum and Talang.
		PIND-DADAN-KHAN . . . 90,600 sq. yds. p-o. t-s. r-a.	19½	164½	A large town on the right bank of the Jhelum; supplies plentiful; good water from the river, about ½ m. from which and N. of town is site for C-G.; country well cultivated; road hilly, but good and suitable for all arms; pass Khown r-a. at 6 m.
		MIANI . . . 90,000 sq. yds. p-o. b.	7½	171½	A small town; supplies abundant; plentiful good water from canals (in the hot weather) and from wells near C-G., which is 300 yds. S. of town; country as before; road as above, but in parts under water during the rains; cross two branches of the Jhelum on starting (of which the second is nearly always fordable in the dry season) by ferry; between the two lies a cultivated island.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Shikhar, Shikhar.	BHERA 128,000 yds. p-o. r-s. b.	9	160½	A large town; supplies plentiful; abundant good water from wells near C-G, which is ½ m. N-W. of town; country and road as before, latter subject to inundation in the rains.
		CHAK-RAMDAS 160,000 sq. yds. p-o. b.	11	171½	A village; supplies on notice; plentiful good water from wells near C-G, which is 1 m. S-W. of town; country and road as above; pass Shekhpur at 6 m.
		JHAWARIAN 181,470 sq. yds. p-o. b.	8½	200½	A large village; supplies on notice; plentiful good water from canals (in hot weather) and wells near C-G, which is about ½ m. N. of village; country and road as before; pass Kabur at 4 m.
		SHAHFUR	11	211½	See Route 7.
		Total marches, 19 =			Country as before; road metalled for the last 2 m. only.
		211½ m.			

Route No. 8. FROM ABBOTTABAD TO SRINAGAR.

and GURHL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Hazara, Abbottabad.	MANSAHRA	16	16	See Route 1.
		GURHL b.	18	34	A village on left bank of the Kaur R.; supplies procurable; water plentiful from the river; ample space for the encampment of troops; road unmetalled, 10 to 40 ft. wide, passable for wheeled transport, generally level, except portions near nullahs which are 1 in 12; a suspension bridge over the Kaur suitable for camels; b. on right bank of the river at bridge.
		MUZAFFARABAD p-o. b.	12	40	A town situated above the left bank of the Kishen Ganga; supplies and water plentiful; encamp a little beyond the town on the banks of the river; country hilly without cultivation; road fair, but stony in parts, ascending the Dabbuli pass, then descending gradually to the banks of the Kishen Ganga along the bed of a mountain torrent; the river is crossed a little distance above the fort; the b. is on the Jhelum bank below the town; elevation 2,470 ft.; a wire suspension bridge, capable of bearing camels, spans the Kishen Ganga, and a temporary suspension bridge over the Jhelum connects with the Jhelum Valley Road.
		HATTIAN b.	17	63	A small village at the foot of the mountains; supplies procurable; water abundant; C-G. on the banks of the Jhelum, which is crossed by a rope suspension bridge opposite the village; in the first-half of the march there are three or four rather steep and rough places, but the remainder is tolerably level, though occasionally rough; the Kishen Ganga flows into the Jhelum rather more than a mile to the S. of Musaffarabad, and thence the road continues along the right bank of the latter river and is entirely commanded by the mountains on the left; b. is on the bank of the Jhelum.
		KANDA b.	11	74	A very small village; supplies procurable; water plentiful; C-G. small; the road is very undulating, but the ascents and descents, though mostly rough, are not usually steep; about 8 or 4 m. from Hattian there is a very steep and rough descent to a stream, and there are two or three other descents within about 4 m. of Kanda; in the latter-half of the march the road from Murree may be seen passing along the opposite bank of the river and the two continue parallel to each other nearly all the way to Baramulla.
		KATHAI	12	86	A small village on an open plateau high above the river, with a mud fort just beyond; supplies procurable; water plentiful; C-G. 1 mile W. of fort; road rough, with two or three rather steep places, one at about 4, and another at about 8 m.; these lead down to mountain streams which are bridged.
		SHADRA b.	12	98	A small village similarly situated to Kathai; supplies procurable; water plentiful; C-G. at a fakir's tomb ½ m. from Shadra; road as in last stage; near the 4th m. there is a waterfall, and between the 6th and 8th m. there are three or four deep ravines, where the road is rather rough and steep.
		GINGLA	14	112	A small village situated in a little plain above the river where the valley is very narrow; supplies and water procurable; country hilly without much cultivation; in the first-half of the march there are three or four dips, but these are neither rough nor steep, and the other half of the road is mostly smooth and level; there is a raised mound about half-way, and just before reaching it the village and fort of Uri are visible on the opposite bank of the Jhelum; there is a rope-bridge over the river just beyond the fort.
		BARAMULLA p-o. l-s.	19	131	A small town situated on the right bank of the Jhelum, which here becomes navigable; supplies procurable; water plentiful; C-G. on the left bank of the river; road good; for the first 13 m. it is smooth and tolerably level along the bank of the river; it then ascends and runs through a short and narrow pass, and descending to the plains leads again to the right bank of the Jhelum, which is crossed at the end of the march.
		PATAN	10½	141½	A village; supplies and water plentiful; country level, open and marshy; road good.
		SRINAGAR p-o. l-s.	17½	164½	A large town, the capital of Kashmir, elevation about 5,200 ft.; supplies and water abundant; country level, open and tolerably cultivated; road good; cross nullahs at 2½ and 4½ m., and the Jhelum at the end of the march; water-works completed in 1890; the town of Srinagar is situated on both banks of the Jhelum connected by seven wooden bridges.
		Total marches, 11 =			
		164½ m.			

Route No. 9.
FROM AGRA TO ALIGARH.
via HATHRAS.

9

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Collector of Agra, Agra.	KHANDAULI 400 x 350 yds. p-o. h.	12½	12½	N.B.—Distance taken from Agra Camp—2½ m. less from City. A village; supplies on notice; plentiful fair water from 3 wells, one on, and the others close to C-G., which is W. of road and ½ m. N. of village; country cultivated and open; road metalled and bridged; cross the Jumna under the walls of the fort.
		SADABAD 385 x 350 yds. p-o. b.	9½	21½	A good-sized village; supplies abundant; plentiful good water from wells; C-G. W. of road and ½ m. from village; country well cultivated and slightly wooded; road metalled and good; nullahs bridged; pass Giga at 4 and Gursanthi at 6 m.; at 8½ m. a metalled road runs to Mattra, 24 m. distant, and at 9 m. a metalled road runs to Jalesar Road r-s., 9 m. distant.
		HATHRAS 570 x 470 yds. p-o. t-s. r-s.	8½	30½	A large town; supplies abundant; water from wells brackish, but abundant; C-G. 1 m. S. of town, close to road, and has a good wall; country, road and nullahs as above; pass Bisara at 2½, Chandpeha at 6 and Alifai at 7½ m.
		SASNI 400 x 300 yds. p-o.	8½	39½	A fair-sized town; supplies and water abundant; C-G. S. of, and near entrance to the town; country and road as above; at ½ m. cross the road between Mattra and Hathras junction, Mattra 28 m. W. and Hathras junction 4 m. E.
G. O. C. Meerut District, Meerut.	Collector of Aligarh, Aligarh.	ALIGARH	14½	54½	See Route 266. Country and road as above; pass Samhat at 4, Mandrak at 6½, Parohi at 10, road to Mattra at 12, join the Grand Trunk Road at 12½ m., after which pass through E. end of the large city of Koil, and then through civil stn.; there is an old fort about ½ m. from camp.
		Total marches, 5 = 53½ m.			

Route No. 10.
FROM AGRA TO BATESAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Collector of Agra, Agra.	KHUNDOL	10	10	A village; supplies on short notice; good water, for a battn., from a well 20 yds. S. of the 10th mile-stone; water from other wells very indifferent; site for C-G. on a large open maidan at 10½ m. S. of road; country open and cultivated; road metalled and bridged.
		FATEHABAD p-o. b.	11½	21½	A village; two to three weeks notice required for supplies; plentiful good water from a well in b. compound, and (for animals) from another well ½ m. beyond C-G., site for which is on both sides of the road; country as above; road mostly metalled.
		BHADRAULI	18½	35	A small village; supplies on notice; water from 3 wells, one on roadside fit for animals only, near C-G., which is small; country as before; road unmetalled and heavy for carts; cross the Banganga R. at about 4½ m., by ford in dry season, by ferry in the rains.
		BATESAR 550 x 350 yds. p-o.	8½	43½	A village about 11 m. S. of Shikohabad r-s. and on right bank of the Jumna, where a large horse fair is held annually; supplies inexhaustible; plentiful good water from many wells in vicinity of C-G. which is 500 yds. W. of village; country fairly level; road as above, turns N. at 8½ m. and passes the village of Phatera.
		Total marches, 4 = 48½ m.			

Route No. 11.
FROM AGRA TO BHARATPUR.
via AOHNERA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Collector of Agra, Agra.	AOHNERA 220 x 170 yds. p-o. t-s. r-s. b.	15½	15½	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is one furlong W. of village and N. of road; country fairly cultivated; road metalled, runs through Shabganj at 2 and branches to W. at 3½ m.; cross canals at 6½ and 9½ m. by bridges and pass Raiba at 12½ m.
		CHIKSANA t-s. at Ikran r-s.	7½	23½	A small village; supplies on notice; plentiful good water from wells near C-G., spacious site for which is S. of road, but would require clearing; country and road as above; enter Bharatpur territory at about 6½ m.
G. O. C. Meerut District, Meerut.	For Agent, Eastern States, Rajputana, Dhoopar.	BHARATPUR 700 x 350 yds. p-o. t-s. r-s.	0	31½	A town; supplies plentiful; abundant good water from wells, and (for animals) from a large tank in vicinity of C-G., which is 150 yds. S. of road and about 1½ m. from the r-s.; country and road as above; pass Nagla-ka-sarni at 5 and Bachoon at 6½ m.
		Total marches, 3 = 21½ m.			

Route No. 12.

FROM AGRA TO BUDAUN.

via MATHRAS, SIKANDRA RAO, KASGANJ, AND KACHLA GHAT

ARTICULARS.		Names of stages and also of occupying grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Collector of Mathura, Agra.	KHANDAULI	12½	12½	
		SADABAD	9½	21½	See Route 9
		KATGARH	9½	30½	
G O C Meerut District, Meerut	Collector of Aligarh, Agra.	BALEMPUR 420 x 430 yds	10½	41½	A village, supplies procurable, plentiful good water from a well on C G, country open and well cultivated, road raised, metalled, bridged and fit for all arms, pass Sakhman at 2 Hathras Junction at 5 and Kailora at 7½ m
		SIKANDRA RAO	10½	51½	See Route 286 Country fairly cultivated, road as in last stage; cross the Ganges canal at 6 and again at 10 m
		MOHANPUR 66 000 sq yds p-o	10	61½	A small village, supplies on notice, plentiful good water from wells within 1 furlong of C G, which is E. of road; country level open and well cultivated, road as above, pass Rampur at 3½, Agra at 7 and Doharya at 9 m.
G O C Rohilkund District, Meerut	Collector of Etah, Etah	KASGANJ 250 x 250 yds p-o. t & r-s.	10½	71½	A large town, supplies plentiful, abundant good water from wells on C-G, which is E. of road and S. of town, country road road as in last stage; pass Beutra at 3½, cross the Ganges canal at 6 and the Kali Nadi at 7½ m; pass road to Kasganj r-s (distance ½ m) at 9 m
		SORON 56 000 sq yds p-o. t & r-s	8½	79½	A large town, supplies easily procurable; plentiful good water from neighbourhood, wells within 200 yds. of C G, which is below the old bed of the Ganges opposite an inspection b, country sandy, but tolerably well cultivated, road as before, pass Mamon at 3, Goraha at 2½, cross the Ganges canal at 3½, pass, Pahlodpur at 5½, and the road to Soron r-s (distance 3 furlongs) at 7½ m
		KACHLA 11,000 sq yds p-o. b.	8	87½	A village, supplies on notice; good water from a well and the Ganges, 200 yds. from which, and S-W of village, is site for C-G; country and road as before, latter unbridged in places, cross the Bar Ganga at 2 m by ford and the Ganges at end of stage by bridge-of-boats in dry season, by ferry in the rains, 3½ large boats available.
		UJJBANI 13,800 sq yds p-o. b	10½	97½	A large village, supplies on notice, good water, for a battn., from 2 wells, one on the ground, the other in village, S of which is site for C-G, country open, road raised, metalled and bridged suitable for all arms; pass Betsabha at 4½ and Chitoya at 7 m, cross the Kudwari and Balesaur en route
		BUDAUN 370 x 370 yds p-o. t & b	8½	106½	A city and small civil sta., supplies plentiful, abundant good water from 2 wells on C-G, which is near the Bareilly road and about 1 m N of the city animals may be watered at the Soto R. 1 m W; country open and cultivated, road as above; pass Burwahi at 2½ and cross the Soto R. at 6½ m
		Total marches, 11=			
		106½ m			

Route No. 13.

FROM AGRA TO DELHI.

via MUTTRA, MODAL AND FALWAL

AUTHORITIES		Names of stages and size of occupying grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra	Collector of Agra, Agra.	RANKATTA 450 x 410 yds.	9½	9½	A village, supplies on notice; plentiful fair water from 8 wells near C G, which is N of road and E of village, country level, open and well cultivated, road metalled and bridged
		FARAH 80,490 sq yds p-o. b.	9½	19½	A small town, supplies on notice, plentiful good water from wells C-G N of road, country broken up by ravines; road good metalled and bridged. Rajpura at 4½ m E. of Farah, the metalled road to Perkhani r-s (distance 4 m) branches off opposite camp
		MUTTRA 116,160 sq yds. p-o. t & r-s b	12	31½	A small cantonment and civil sta., situated on right bank of the Jumna, supplies and water (latter from wells) plentiful and good, C-G W of road, country mainly with partial cultivation, road as above, pass Baran at 4½, Band at 8 and Aurangabad at 10½ m.
G O C Meerut District, Meerut	Collector of Mathura, Meerut	JAIT 490 x 410 yds p-o	11½	43½	A small village, supplies on notice, plentiful good water from wells and tanks C-G ½ m W of village, country road as above, pass Muttra City at 4 Kotal at 8 and Chabitra at 9½ m.
		GHATA 300 x 360 yds. p-o. b.	11½	54½	A large-sized place, supplies and water (latter from wells) plentiful and good; C-G ½ m. W of village, country open and cultivated, road metalled and bridged, pass Chasambhat at 2½, cross irrigation distributary at 4, and the Seywari at 7 m, there is a large fortified wala at Chasambhat, capable of holding a battn

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Meerut District, Meerut.	Dy. Commr. of Gurgaon, Gurgaon.	HODAL 88,700 sq. yds. p-o. t-r. b.	14½	68½	A small town; supplies and water easily procurable; C-G. fair, on right-hand side of road and 7 furlongs N. of town; a well with good water and troughs for watering animals on the ground; country fairly cultivated; road, metalled, in good condition.
		BHANANIKHERA 186,420 sq. yds. b.	14½	83½	A small village; supplies must be collected; good water from a well on C-G., which is on left-hand side of road, 1½ furlong S. of village; country and road as before; pass Banohari at 2½, Kurthala at 6½ and Mitraol at 9½ m.
	Dy. Commr. of Delhi, Delhi.	BAGHAULA 168,080 sq. yds.	10½	93½	A village; supplies procurable from surrounding villages on pottee; water from wells on C-G., which is on left of road, ¼ m. S. of village; country and road as above; pass Palwal at 6 m.
		BALLABGARH 146,000 sq. yds. p-o. t-r.	10	103½	A moderate-sized town with fort; supplies and water abundant; the latter obtained from a well on C-G., which is W. of road, opposite town; country and road as before; a rocky ridge runs from here to Delhi, chiefly on W. of road.
		BADARPUR 100,000 sq. yds. p-o.	11	114½	A small town; supplies on notice; plentiful good water from a well close to C-G., which is W. of road, about ½ m. S. of town; country and road as above; a metalled road runs from here to the Kutab.
		DELHI	12½	127½	See Route 206. Country well cultivated; road as above, passing by the old city of Delhi.
		Total marches, 11 = 127½ m.			

Route No. 14.

FROM AGRA TO DEOLI as far as BHARATPUR, see Route 11
(for remainder, see Bombay Route Book No. 202).

Route No. 15.
FROM AGRA TO ETAWAH.
via SHIKOHABAD AND JASWANTNAGAR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Indelbhand District, Agra.	Collector of Agra, Agra.	ITIMADPUR 480 x 470 yds p. o. r. s. b	18½	18½	A town, supplies on notice, plentiful good water from wells in vicinity of C-G, which is 3 furlongs W of town, country cultivated and open road metalled and bridged the Jumna is crossed on starting
		FIROZABAD 780 x 816 yds p. o. r. s. b	18½	26½	A town, supplies on notice; abundant good water from wells in vicinity of C-G, which is 3 furlongs W of town, country and road as above, pass Hazratpur at 6½ and Raja La Talao at 10½ m
G O C Meerat District, Meerat.	Collector of Meerat, Meerat.	SHIKOHABAD 410 x 380 yds. p. o. r. s. b	11½	38½	A town, supplies abundant, plentiful good water from wells and a canal on bank of which is C-G; country well cultivated, road as above, pass Kuseth at 3½ and Mahanagar at 8½ m
		MOLIDAB-KI-SARAI 86,100 sq yds.	10½	49½	A small bazar, supplies procurable from the neighbouring village of Sirsaganj 8 m distant, in large quantities; water from wells all round C-G, which is on road close to bazar, country as above, road metalled as far as Sirsaganj, which is passed at 7 m, remainder unmetalled general width 37 ft, nullahs bridged; pass Nowabnagar at 1, Delhi at 8 and Omri at 4½ m
G O C Meerat District, Meerat.	Collector of Etawah, Etawah.	JASWANTNAGAR 91,120 sq yds p. o. r. s. b	11	60½	A small town, supplies plentiful, abundant water from 2 wells close to C-G, which is on road near town, country as above, road unmetalled but bridged and fit for wheeled artillery, being sandy in places and very uneven, bridged throughout across the Surus en route, pass Gurnao at 4½ Marnai at 7 and Phaleri at 10½ m
		ETAWAH 88,760 sq yds. p. o. r. s. b	6½	67½	A small civil station and old cantonment supplies and well water abundant one good well across the road opposite to C-G, which is 1½ m N W of r.s., country as above, road metalled for last 5 m, rest unmetalled but bridged and fit for all arms, pass Kest at 1 and Jan at 6½ m The town of Etawah is situated 1 m E of the left bank of the Jumna and about the same distance S of the r.s.
		Total marches, 6 = 68½ m			

Route No. 15(a).
FROM AGRA TO ETAWAH
via THE RIGHT BANK OF THE JUMNA

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Collector of Agra, Agra.	KHUNDOL	10	10	See Route 10.
		FATEHABAD	11½	21½	
		BHADRAULI	13½	35	
G O C Meerat District, Meerat.	Collector of Etawah, Etawah.	BAH 8,800 sq yds p. o. b.	7½	42½	A tehsil; supplies on 3 weeks notice, plentiful water from 2 wells near C-G, site for which is S. of tehsil 100 yds from road; water in one well fit for animals only, country open and cultivated; road unmetalled
		GURJAH PARTAN PURA 9,200 sq yds.	14	56½	A village, supplies on 4 weeks notice of good water from a well W of, and (for animals) from another well E of site for C-G which is S. of road; country as above, road unmetalled and heavy for carts; pass Jaitpur at 7½ m, at 11 m a road branches off S-E and another road, to Etawah N-E.
G O C Meerat District, Meerat.	Collector of Etawah, Etawah.	BURPURA	19	68½	A village, supplies on notice; water very scarce from wells, no regular C-G, but space available for any number of troops, the country being flat and open; road about 37 ft wide, unmetalled and heavy
		ETAWAH	10	78½	See Route 15 Country well cultivated, road unmetalled up to the Jumna R., which is crossed at 7 m, by pontoon bridge in dry weather, by ferry (3 boats, each carrying 120 men) in the rains; thence metalled and 30 ft wide
		Total marches, 7 = 78½ m			

Route No. 16
FROM AGRA TO FATEHGARH.
via SHIKOHABAD AND BEWAR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Collector of Agra, Agra.	ITIMADPUR	18½	18½	See Route 15
		FIROZABAD	18½	37½	
		SHIKOHABAD	11½	49½	
G O C Meerat District, Meerat.	Collector of Meerat, Meerat.	AROUN 210,610 sq yds	13	62½	A large village, supplies procurable; abundant water from a well on C-G, which is close to road; country and road as before.
		BIRGHAI 38,210 sq yds	10½	73½	A village, supplies and water procurable 1 well on C-G; country and road as above, pass Bhawal at 3½ and Ghinar at 6½ m.
G O C Meerat District, Meerat.	Collector of Etawah, Etawah.	MAINPURI 78,170 sq yds p. o. r. s. b	12½	86½	A small civil station and old cantonment, supplies and water in abundance, C-G close to town, country and road as above; pass the town of Mainpuri at 9 and cross the Beas (bridged) at 11 m
		BEWAR	14½	101½	See Route 236. Country and road as above, at Bhonguan (7 m) the Grand Trunk Road is joined

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Furruckabad, Fatehgarh.	MUHAMMADABAD 225 x 180 yds. p-o.	11	06½	A village; supplies procurable; good water, for a battn., from a well N-E. of C-G., which is S. of village; country open and fairly well cultivated; road metalled and bridged, fit for all arms; cross canal at 2, Kali Nadi (iron girder bridge) at 3, Ugnapur at 5, and Khimspur at 7 m.
		FATEHGARH 1,080 x 780 yds. p-o. t-s. r-s. b.	18	100½	A cantonment and civil stn.; supplies abundant; plentiful good water from wells in vicinity of C-G., which is S-E. of the British Infantry lines; country and road as in last stage; pass Sakwai at 4, and a metalled and bridged road to Furruckabad at 8 m.
		Total marches, 9 = 109½ m.			

Route No. 17.
FROM AGRA TO JHANSI.
via DHOLPUR, GWALIOR AND DUTTIAH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Dundeekhand District, Agra.	Pol. Act., Eastern States, Indjtanah, Dholpur. Resident at Gwalior, Gwalior. Political Agent in Bundelkhand, Nowgong. Dy. Commr. of Jhansi, Jhansi.	TEHRA 700 x 200 yds.	10½	10½	A village; supplies on notice; good water from a well on W. edge of, and (for animals) from another well on S. edge of C-G., which is E. of road and N-W. of village; country level, open and well cultivated; road metalled and bridged; pass Kakna at 8, cross the Khari Nadi at 11 and a dry nullah at 12 m.
		MANIA 450 x 350 yds. p-o. t-s. r-s. b.	12½	22½	A village; supplies on notice; good water from several wells near C-G., which is W. of road at 2½ m.; country level, sandy and cultivated; road as above; cross the Banganga <i>ce route</i> .
		DHOLPUR 120,680 sq. yds. p-o. t-s. r-s. b.	0½	32½	A large town; supplies on notice; plentiful good water from wells close to C-G., which is at 36½ m.; country and road as above.
		DEORI 400 x 460 yds. b.	11½	43½	A small village; limited supplies on notice; good water from a well and the Koari R. 350 yds. N. of which and E. of road, is C-G.; country ravine and barren near the Chambal; road as above; cross the Chambal at 2 m., by bridge-of-boats in dry season, by ferry in rains; there is a ford at Kairi, 4 m. up stream, in hot weather.
		NURABAD 400 x 400 yds. b.	12½	56½	A fair-sized village; supplies procurable; good water, for about 1½ battns., from a well N. of C-G., which is W. of road and ½ m. S. of village; country ravine near rivers, otherwise flat and cultivated; road as above; cross the Koari on starting, pass Johna at 4, cross the Asan R. at 7, and the Sank at 12½ m.
		GWALIOR RESIDENCY 400 x 400 yds. p-o. t-s. b.	10	66½	A good-sized village E. of the old ruined Residency; supplies easily procurable; good water, for 2 battns., from a well on C-G., which is E. of road and under the Residency; country fairly level and mostly cultivated; road as above; cross the road to Morar at ½ m. Morar r-s. is 8½ m. distant. For a road from Gwalior to Mhow, see Bombay Route Book No. 223.
		KOTA-KI-SARAI 200 x 180 yds. b.	10	76½	A small village; supplies should be obtained from Gwalior; plentiful good water from a well near b. and 150 yds. E. of C-G., which is E. of road; road as above, passing under N-E. corner of Gwalior Fort; pass the road to Sipri at 3½ and cross the Morar R. at 8½ m.
		MAKORA 450 x 160 yds. b.	0½	86½	A small village; limited supplies on notice; good water from a well near b., and (for animals) from a stream 100 yds. N. of C-G., which is W. of road and N. of village; Antri r-s. distant 1½ m.; country for the most part barren, jungle covered hills from 4 to 7 m. afterwards fairly flat, but cultivated only round villages; road as above; pass Tournai at 7½ m.
		DUBRA 275 x 275 yds. p-o. t-s. r-s. b.	11½	97½	A large village; supplies on notice; plentiful good water from a well in centre of C-G., which is W. of road; country flat and well cultivated; road as above; pass Samondan at 6½ m.
		OPRAI 65,340 sq. yds.	10	107½	A good-sized village; supplies on notice; good water from a well on C-G., which is level and dry; country ravine, cultivated in places; road metalled, bridged and in good condition; cross the Sind R. at 4½ to, on rough pile bridge, available from December to the rains, at other times by 2 boats and a barge.
		DUTTIAH 55,010 sq. yds. p-o. t-s. r-s. b.	10½	117½	A small walled town with fort; supplies plentiful; water from one well on, and others near C-G.; country cultivated at first, afterwards jungle with low hills; road as above.
		AMRABAI 48,740 sq. yds. p-o. r-s.	7½	124½	A good-sized village; supplies on notice; good water from one well on, and others near C-G., which is close to road and village; country level with hills in places, chiefly jungle; road as above.
		JHANSI p-o. t-s. r-s. b.	0	183½	A large walled city with fort, large cantonment and civil stn.; supplies abundant; plentiful good water on all C-Gs., of which there are several; country undulating, jungle and rocky; road as above; cross the Fahaj at 3½ m.; a metalled road to Jhansi City branches off at 6 m.
		Total marches, 18 = 133½ m.			

Route No. 18.

FROM AGRA TO KARALI as far as BARI (for remainder, see Bombay Route Book No. 218 (2)).

via DHOLPUR

ACTIVITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS	
Military	Civil		Miles	Total		
G O C Banded Mand Dist Agra.	Collector of Agra, Agra.	TEHRA .	10½	10½	} No. 1 - Preferable to other routes although longer as the road is metalled for 3½ m., and only one river has to be crossed; railway also as far as Dholpur	
		MANIA .	12½	23½		} See Route 17
		DHOLPUR	9½	33½		
		BARI 600 x 480 yds p.o.	10	43½		
		G O C Meerut District, Meerut.	Political Agent, Eastern State, Meerut, Dholpur	Total marches, 4 = 51½ m.		

Route No. 18 (a).

FROM AGRA TO KARALI as far as KANUA (for remainder, see Bombay Route Book No. 218).

via FATEHPUR SIKRI

ADMINISTRATIVE		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bandahad District, Agra.	Col Agt. Eastern States, Rajasthan, Agra, Dindpur	MIRKAKUR	10½	10½	A large village, supplies on short notice, plentiful good water from several wells near C-G, site for which is S of road near police sta., country cultivated and open, road metalled and bridged; canal crossed at 6½ m
		FATEHPUR SIKRI 370 x 80 sq yds p.o.	11½	21½	A town; supplies on notice; very indifferent water from wells near C-G, site for which is at S W entrance to Fort on S of road, country and road as above, canal crossed at 4 m
		KANUA	8	29½	A large village, supplies on notice; water from wells near C G, site for which is S of village on partially cultivated land, road metalled for 7 fathoms, then passes through baras and is paved up to 1½ m., when it becomes unmetalled, and very rough up to 8½ m., where the remains of an old bridge and the village of Mandi are thence the road is sandy and heavy for carts at all times, pass Dabur at 4½ m, and enter Bharatpur territory at 6½ m
		Total marches, 3 = 29½ m			

Route No. 18 (b).

FROM AGRA TO KARALI as far as BARI (for remainder, see Bombay Route Book No. 218 (1)).

via SIPAO

ADMINISTRATIVE		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS.	
Military	Civil		Miles.	Total		
G O C Banded District, Meerut.	Collector of Agra, Agra.	TEHRA .	10½	10½	See Route 17	
		SIPAO 30,000 sq yds. p.o.	21	31½		
G O C Meerut District, Meerut.		Pal Aig, Eastern Shahs Rajpootana, Dhooper	BARI . . .	14	45½	A town, supplies procurable on notice, abundant good water from wells near C.G., which is N of town; more ground available on N-E of town, if required, road is metalled until 20th m, where it leaves the trunk road and leads by a mere foot track through several villages, crosses the Parikati R. at 5½ m. by a ford passable in the dry season. See Route 18 Country hilly, road very rough and stony and hardly fit for carts
		Total marches, 3 = 45½ m.				

FROM AGRA TO KARAUJI as far as BARI (for remainder, see Bombay Route Book No. 218(3)).

ADMINISTRATIVE.		Names of stages or halts of carrying goods.	DISTANCE.		REMARKS.
Stationary.	Class.		Miles.	Total.	
O. O. C. District and District Officer, Agra.	Collector of Agra.	TEHRA . . .	10½	10½	See Route 17.
		MANIA . . .	12½	23½	
		SIPAO . . .	11½	35	
		Total marches, 4 = 34½			
O. O. C. Meerut District, Meerut.	Political Agent, Eastern States, Bikaner, Rajputana, Bhilwar.	BARI . . .	14	49	Trunk road left at 23½ m.; cart track runs E. immediately after passing police station and at 2 m. crosses the Parbat R. by a ford in dry season; pass Kullari at 7 m. Note.—By an alternative route, Sipao could be reached in two marches via Jalauk near Balan road, 14 m. to Agra camp; road metalled; C.O. near 23½ m.; but easily collected; thence to Sipao, road as above through Mania, 12 m. See Route 18 (b). For remainder, see Route 18.
		Total marches, 4 = 34½			

Route No. 18(d).

FROM AGRA TO KARAUJI as far as BARI (for remainder, see Bombay Route Book No. 218 (4)).

via KAGHROLE AND KHAICWARRH.

ADMINISTRATIVE.		Names of stages or halts of carrying goods.	DISTANCE.		REMARKS.
Stationary.	Class.		Miles.	Total.	
O. O. C. District and District Officer, Agra.	Collector of Agra.	KAGHROLE . . .	17½	17½	Note.—This route is suitable for cavalry, but the road is too heavy for carts up to 1½ Kaper m. A village supplies on railway; also good water from 3 wells in vicinity of 10½ m. into the open for which there is both sides of road, 3 furlongs S. of village; country cultivated and open, road sandy and heavy; cross the canal at 6, 7½ and 10½ m. by masonry bridges.
		SIPAO . . .	10	27½	
		BARI . . .	14	41½	
		Total marches, 3 = 41½			Country open and little cultivated and road is good cart road. It is open from 10½ m. to Sipao where the road ends at 15½ m. and runs due S. fair for carts, although not metalled, passes through Khatwarah at 6 m. and then across the Langraha R. by ford in dry season, by small ferryboat in the rainy season; then a cart track, difficult to follow in the dark. See Route 18 (b). For remainder, see Route 18.

Route No. 19.

FROM AGRA TO MHOW as far as MAKSEE (for remainder, see Bombay Route Book No. 221).

via DHOLPUR, GWALIOR, SIBRI, GOONA, BHABRA AND SARANSHTU.

ADMINISTRATIVE.		Names of stages or halts of carrying goods.	DISTANCE.		REMARKS.
Stationary.	Class.		Miles.	Total.	
O. O. C. Benares District and District Officer, Agra.	Collector of Agra.	TEHRA . . .	17½	17½	See Route 17.
		MANIA . . .	12½	30½	
		DHOLPUR . . .	9½	40½	
		DEORI . . .	11½	52½	
		MURABAD . . .	12½	65½	
		GWALIOR RESDY . . .	10	75½	
		NATGAON . . .	12½	88½	A small village; supplies from Gwalior; good water, for a bath, from a well 100 yds. from C.O., which is 500 yds. N.E. of village, where there is another well; country scantily cultivated; road metalled and bridged, crossing over low hills here and there; pass the road to Mhow at 11 m.

ADMINISTRATIVE.		Names of stages and size of unoccupied grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
		GHATHIWALAGAON 820 x 400 yds b	10½	00	A village, supplies scarce, plentiful good water from a well near b, and another 100 yds from C-G, which is 2 m S-W of village, country barren and marked by bold, rocky low hills, road as above; pass Panari at 3½ m
		REHAT 180,500 sq yds MAHONA 166 000 sq yds b	8½	98½	A village; supplies scarce, good water for a battn., from a well on C-G, which is 8 E of village, country jungly and stony, hills at Rehath, road as above
		CHORPURA 530 x 240 yds b	6½	105	A good-sized village, supplies on notice, good water from wells and the Parbati R., 1 m N of which and about 100 yds S of village is C-G, country undulating with hills in the distance, road as above; cross a branch of the Parbati at 6 m
		SATANWARA 400 x 360 yds p o t a b	11½	116½	A small village, supplies scarce, plentiful good water from 2 wells near C-G, which is about 650 yds W of village, country and road as above; cross the Parbati at about 1, a branch of the river at 3½, both by stone bridges, and a nullah at 6 m by a permanent causeway
		SATAPURA 400 x 360 yds p o t a b	14	130½	A village; supplies on notice, good but limited water from a well on C-G, which is E of b, country undulating and chiefly jungle, road as above, pass Chor- lathra soon after starting a dak b at 5 and Kakar at 18 m.
		SIPRI p o t a b	6½	140½	A small cantonment with a large town close by, supplies abundant, good water, sometimes scarce from a well on C-G, which is spacious and level, on black soil near the junction of the Jhansi road, country and road as above. From Sipri a good road runs N-W to Faori making the following stages— Sipri (p-o) . . . 10 m A good site for encampment here Faori . . . 10 m See Route 23 TOTAL . . . 20 m.
		KOLARAS p-o.	15	155½	A small town and Gwalior State cantonment; supplies plentiful, good water from a well on C-G, which is extensive; other wells in town; country and road as above, pass Barodina at 3 and Sami, on Route 404, at 8 m.
		LUKWASA	8	163½	A good-sized village, supplies on notice, water from a well on C-G, which is extensive; tank in village close by, fit for cattle; country chiefly cultivated, road as above, b at Deherda 2 m. distant.
		BUDERWAS b	9	172½	A good sized village, supplies on notice; water from a well on C-G, which is extensive; country and road as above
		BARKHERA	9	181½	A small village, supplies scarce, water from a well (8½ ft in diameter, depth of water in June 8 ft) on C-G, spacious site for which is W of road, partially flooded in rains, country and road as above
		BHADURA 1,000 x 800 yds b	9	190½	A moderate-sized village and fort, supplies procurable, water from a well (8 ft in diameter, depth of water in June 6 ft) on C-G, spacious site for which is close to village; country and road as above, pass Sami at 4½ m
		GOONA 1,300 x 850 yds. p-o t-a-r-b	12	202½	A cantonment and town; supplies plentiful; water from wells in adjacent gardens and from the hospital well; C-G on black soil, W of town, country and road as above; pass Patni at 4 and Beloni at 5 m For roads from Goona to Deoli and Mhow, see Bombay Route Book Nos 204 and 235 respectively.
		ROTHIAH 650 x 200 yds r-a-b	13	215½	A very small village on left bank of the Chowpuri R., supplies must be procured from Goona or from Raghogarb, a large village 7 m distant but road to it rough and hilly, plentiful good water from a well in b compound, and another in village and one on C-G, which is N-W of village between the river and the ry, the Goona-Indore road crosses the north-eastern corner of the camp; country very hilly road as in last stage, the Chowpuri R. is crossed by a masonry bridge, fit for all arms
		PARBATI RIVER 1 686 x 935 yds.	14	229½	Small village of Khera 1 m W of ramp, supplies scarce; good water from wells in village, C-G W of road and near the river, country and road as above; pass Raghogarb at 5 (2 m E of road) and Awan at 8 m (½ m W of road)
		BINAGAON 1 200 x 1 200 yds. p o b	14	243½	A village 2 m from the large village of Chachora, supplies plentiful, water from a well (8 ft in diameter, depth of water in June 6 ft) on C-G, which is E of road; country and road as above; cross the Parbati R. on starting by causeway, except for three months in rains, when a boat (capacity 50 men) is used.
		GORAPACHAR 1,200 x 1,200 yds.	8	251½	A small village with sami on right bank of the Gorapachar, supplies scarce, water from a well (8 ft in diameter, depth of water in June 4 ft.) on C-G, which is near the river, country and road as above
		BIARA 500 x 250 yds p-o t-a-b	10½	262	A small town supplies plentiful; abundant good water from a large well in front of and another in rear of C, which is opposite p-o and E of road, country at first covered with low scrub, afterwards well cultivated, road as before, from here a metalled road runs N-W to Raygarh, distant about 15 m.
		KARANWAS 800 x 250 yds	10½	272½	A village supplies scarce, water from wells C-G between village and road country level and cultivated; road as before, cross the Ajant on starting, and the Dudh at 7½ m, by causeways, unfordable when in flood
		PACHHAR 500 x 250 yds p o b	8½	280½	A fair sized village supplies procurable, water from a small well near samis and from the Dewai, on right bank of which and on W of road is C-G, country and road as before.
		DONKHORI 250 x 350 yds b	7½	288½	A small village, supplies from Farana, 6 m distant, on notice, water from a well, and from a nullah 200 yds. from C-G, which is E. of road and ½ m S. of b, country and road as before, cross the Newa on starting, by a causeway in dry season, by ferry (1 boat carrying 20 men) in the rains, and pass a new metalled road to Khujnar, distant 8 m N-W., at 2 m
		SARANGPUR 300 x 300 yds. p-o t-a-b	11½	299½	A town, supplies abundant; good water from 3 wells in gardens near C-G, which is between the town and road; water also from the Kali Sind, ½ m distant, country and road as above; pass Dhanori at about 7½ m The road (metalled to Agar, thence to Deoli, Mhow or Nemuch (see Bombay Route Book Nos 208, 235 and 236 respectively) turns off at Sarangpur — Baroda (p o) 9 m. Raxat 14 ½ Agar (p-o) 0
					TOTAL . . . 82 m.

Approximate.		Name, latitude and dist. of camp (approx.)	Distance.		Remarks.
Mileage.	Cost.		Miles.	Total.	
G. O. C., Panditkhanda, Dindori, Agre.	Boat at at Ghazipur, Ghazipur.	SHAJAPUR 600 x 300 yds. p-o. b.	17	316½	A large town; supplies abundant; good water from 3 wells close to C.G., which is on the farther side of the Tilar Nadi, near the p-o.; country cultivated with occasional jungle; road at above; cross the Kall Sind on starting, by a causeway in dry season, by ferry (1 boat carrying 15 men) in the rains, then ascend gradually for about 11 m., thence level crossing the Tilar (bridged) at end of stage.
		MAKSEE 200 x 150 yds. p-o. r-o. b.	14½	331½	
		Total marches, 50 = 331½ m.			

Route No. 18(a).

FROM AGRA TO MHOW as far as KANUA, see Route 18(a)
(for remainder, see Bombay Route Book No. 221 (J)).

Route No. 20.

FROM AGRA TO MORAR.
via GHOLPUR.

Approximate.		Name, latitude and dist. of camp (approx.)	Distance.		Remarks.
Mileage.	Cost.		Miles.	Total.	
G. O. C., Panditkhanda, Dindori, Agre.	Boat at at Ghazipur, Ghazipur.	TEHEA	10½	10½	See Route 17.
		MANIA	12½	23½	
		GHOLPUR	6½	30½	
		DEOLI	11½	42½	
		SURAFAD	12½	55½	
		GWALIOR RESID.	10	65½	
		MORAR p-o. r-o. b.	9	74½	
		Total marches, 7 = 74½ m.			

Route No. 21.

FROM AGRA TO NASIRABAD as far as BHARATPUR, see Route 11
(for remainder, see Bombay Route Book No. 243).

Route No. 21(a).

FROM AGRA TO NASTRABAD as far as KANUA, see Route 18(a)
(for remainder and alternative routes, see Bombay Route Book Nos 243 (1), (2), and (8)).

Route No. 22.

FROM AGRA TO NEEMUCH as far as KANUA, see Route 18(a)
(for remainder, see Bombay Route Book Nos. 235 or 235 (1)).

Route No. 23.

FROM AGRA TO PAORI.
and GWALIOR AND MATONA.

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.	
Military	Civil		Miles	Total.		
G. O. C. Bandahead District Agra	Vol. Asst. Eastern Collr. of States, Rajasthan, Agra, Dholpur	TEHRA . . .	10½	10½	See Route 17	
		MANIA . . .	12½	22½		
		DHOLPUR . . .	8½	31½		
		DEORI . . .	11½	43½		
		NURABAD . . .	12½	56½		
		GWALIOR KESBY	10	66½	See Route 19	
		NAIGAON . . .	18½	85½		
		GHATIWALA GAON	10½	96		
		DEHAT . . .	8½	104½		
		MAHONA . . .	6½	111½		
		BOURDAI 400 × 370 yds	16	127½	A fair-sized village; supplies on notice, but limited, plentiful good water from two wells S of and near C-G, which is on sloping land N. of village, country low, barren hills at first afterwards sloping and uncultivated; road metalled and bridged, cross the Parbati R. at 1½, leave the Agra-Neemuch road soon afterwards, and pass Kandi at 5½ m	
		BATIRAR 280 × 180 yds. 120 × 200 yds	13½	141½		
		PAORI 370 × 250 yds.	12½	154		
		Total marches, 18 = 147 m			A town with a fort and bazar, ample supplies on notice, plentiful good water from 2 wells, one W of and the other N-W of C-G, which is N E of a large Hindu temple, country fairly level and partially cultivated, road as before, pass Kodhwa at 8½ and Bhatsnagar at 8½ m	

Route No. 24.

FROM ALIGARH TO BUDAUN.
and KASGANJ

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Meerut District, Meerut.	Collector of Aligarh, Aligarh	JALALI P.O.	14½	14½	A large town about a mile off the road; supplies must be collected, plentiful good water from wells and a canal, no proper C-G but the country being flat, tents could be pitched anywhere on cultivated fields; in dry season site for camp will also be found on the further bank of the Ganges canal about 1½ m. from Jalali, one well, water fair; country open and well cultivated road metalled, cross the ry. at 1½, leave the Grand Trunk Road at Panohli and cross the Ganges canal (bridged) at 10½ m., bridges will take all traffic
		GANGRI . . .	11½	26½	

A village; supplies must be collected; plentiful good water from wells, surrounding fields could always be used for C-G, country as above, road metalled as far as the town of Jalali, thence unmetalled, but in fair order and passable by all arms, pass Kasrganj at 2½ and cross the Kali Nadi (bridged) at 7½ m; one nullah near Gangri has to be crossed, it is fordable, except in the rains, when one or two boats are available holding 60 to 100 men.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Etah, Etah.	KASGANJ . . .	12½	38½	Country level and open; road, 25 to 30 ft. wide, unmetalled, but bridged and fit for all arms; cross the Nim Nadi at Malsai at 1 and pass Dholan at 5 m. See Route 12.
		SORON . . .	8½	46½	
		KACHLA . . .	8	54½	
		UJHANI . . .	10½	64½	
		BUDAUN . . .	8½	73	
	Total marches, 7 = 78 m.				

Route No. 24(a).
FROM ALIGARH TO BUDAUN.
via ANUPSHAHN AND BAHASWAN.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Bulandshahr, Aligarh.	JAWAN . . .	9½	9½	A village; supplies must be collected from the neighbourhood, or from Hardanganj, a market town 4 or 5 m. off; water generally brackish, the amount of good well water is enough for a battn.; plenty of wasteland all round on which troops could be encamped; country level, open and well cultivated; road, 80 ft. wide, metalled, bridged, and fit for all arms; pass Santah at 4 m. A small village; supplies on notice; plentiful good water from wells on and near C-G., which is N.W. of road; country and road as above; cross the Ganges canal at 1, pass Tejpur at 2½, cross the Kali Nadi at 7½, pass a metalled road leading to Atrauli r.a. (distant 2½ m.) at 8½ and Naraingar at 11½ m. A large town on right bank of the Ganges; supplies plentiful; abundant good water from wells on, and round about C-G., site for which is S. of town; country and road as above; pass an unmetalled road, 25 ft. wide, to Bulandshahr (distant 26 m.) at 2 and a similar road to Jauli (distant 6 m.) at 8 m. A village; supplies on notice; plentiful water from a well S. of C-G., which is W. of village; country flat and partly cultivated; road unmetalled and heavy in places, liable to floods; cross the Ganges on starting, by a bridge-of-boats in the dry season, by ferry (50 boats) in the rains, and pass Bahraia r.a. at 10½ m. A village; supplies on notice; plentiful good water from wells in police stn. and village, and also from the Mahawa Nadi ½ m. from C-G., which is W. of village; country and road as in last stage. A town; supplies on notice; good water from a well 100 yds. E. of C-G., which is W. of town; there are also wells in the town; country and road as above; cross the Mahawa R. (bridged) towards end of stage. A village; supplies on notice; good water from a well and the Bhainsaur R., ½ m. from which and W. of village is C-G.; country as above; road metalled and passable for all arms; cross the Bhainsaur R. (bridged) at 13½ m.; at Tighur (13 m.) there is a better place for a camp above the Bhainsaur R., water being obtained from a well, and in the case of a large force from the river. See Route 12. Country well cultivated and wooded; road as in last stage up to Ujhani at 2½ m., where it is bad, 10 ft. wide, but thence very good, metalled, and bridged; cross the Sote R. at 9 m.
		DANPUR 189,030 sq. yds.	18½	22½	
		ANUPSHAHN 20,260 sq. yds. p-o.	12	34½	
		GUNNAUR 140 x 130 yds. 100 x 130 " p-o.	14	48½	
		ZARIFNAGAR 500 x 500 yds. p-o.	13	61½	
		SAHASWAN 500 x 500 yds. p-o. b.	10	71½	
		HAZRATPUR 400 x 330 yds. p-o.	16	86½	
		BUDAUN . . .	10½	96½	
		Total marches, 8 = 96½ m.			

Route No. 25.
FROM ALIGARH TO DELHI.
via JHAJJHAR.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Colr. of Bulandshahr, Aligarh, Bulandshahr, Aligarh.	SOMNA . . .	13½	13½	See Route 266.
		KHURJA . . .	14½	27½	
		JHAJJHAR 180,000 sq. yds. p-o.	12½	40	
					A large village; supplies and good water procurable; C-G. on wasteland ½ m. from village; country partially cultivated; road unmetalled, but in fair order and fit for all arms; cross the Karon nullah (fordable) at 6 m.

AUTHORITIES		Names of stages and size of surrounding grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District Meerut.	Dy Commr of Delhi, Delhi	CHAINSA .	12½	52½	A village near right bank of the Jamna; supplies procurable, plentiful good water from wells round village the country being flat and open except may be pitched anywhere road as above, cross the Jamna towards end of stage, by bridge-of-boats in dry season, by ferry (1 boat over the nullah near Chaina and 2 over the main stream, each boat carries 200 mds) in the rains Country fairly cultivated, road unmetalled, but tolerable. See Route 13 For other remarks, see Route 206.
		BALLABGARH .	11½	64	
		BADARPUR .	11	75	
		DELHI .	12½	87½	
		Total marches, 7 = 87½ m			

Route No. 28.
FROM ALIGARH TO MEERUT

AUTHORITIES		Names of stages and size of surrounding grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut	Collector of Aligarh Aligarh.	SOMNA .	18½	18½	See Route 266
		KHURJA .	14½	27½	
		BHUR near BULANDSHAHR	12	39½	
	Collector of Behaudahar, Behaudahar.	GULAOTHI 330 x 380 yds. p-o	11½	51½	A large hamlet, supplies easily procurable; plentiful good water from wells close by, C-G, S W of the town, country well cultivated, road, metalled 9 ft. total width 80 ft. and bridged through it; pass the old fort at Malagarh at 4 Chhaprawal at 9, and Millapur at 10½ m.
		HAPUR 185 460 sq yds p-o. 1-a.	10½	61½	
		KHARKHAUDA 139,810 sq yds.	7½	69½	
	Collector of Meerut Meerut	MEERUT p-o. 1-c r-a, b	13	81½	A large cantonment, civil sta., and city, two r-s one for the city and one for cantonment supplies and water abundant no C-G marked out, but large maidans available on the N and W of cantonments with wells close by; country and road as above pass Papanda at 8½ Hingapur at 9½, cross drainage cut at 10½ pass Meerut City to left at 10 whence a road runs to Gurukulhesar, and cross Abu nullah at 11 m., where roads from Delhi and Bhagpet meet
		Total marches 7 = 81½ m			

Route No. 27.
FROM ALIGARH TO MORADABAD.
via ANUPSHAH and SAMBHAL

AUTHORITIES		Names of stages and size of surrounding grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut.	Colr of Behaudahar, Aligarh.	JAWAN .	9½	9½	See Route 24 (a)
		DANPUR .	19½	29½	
		ANUPSHAH	19	34½	
		GUNWAN 81,560 sq yds. p-o. b	6½	39½	
G O C Rohilkhand District Bareilly	Colr of Moradabad, Moradabad.	RUIJHERA 250 x 280 yds.	6½	49½	A large village supplies on notice plentiful good water from a well and the Mahawan R., near which and W of village is C-G country cultivated toward end of stage; road 30 ft. wide, unmetalled, in fair order and practicable for all arms but heavy in the rains; crosses the Ganges on starting by bridge-of-boats in dry season, by ferry (50 boats on notice) in the rains, and the Mahawan at 4½ m., by ford in dry season, by ferry in the rains A small village, supplies on notice plentiful good water from a well; C-G W of village, country level open and fairly cultivated, road as above cross the Fakia R. (bridge unsafe), which forms a wheel, at 4½ and pass Lukhan pur at 6½ m

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Moradabad, Moradabad.	SAMBHAL	9½	57½	A large village, well wooded; supplies plentiful on notice; abundant good water from 3 wells; C-G. 1 m. from Sambhal on the Rujhera road, opposite Idgah; country and road as above, but latter metalled at Sambhal; cross the Chohn (bridged), at 2 and pass Ladhampur at 2½ m.
		MYNATHEIR	10½	68½	A small village; supplies procurable from neighbouring villages on notice; good water from a well N. of C-G., which is W. of village; country flat and cultivated; road 30 ft. wide, metalled and passable for all arms; cross the Sote R. at 3, by a bridge, and pass Sirai at 5½ and Mytnadpur at 7½ m.; from Sirai a road runs E. to Sahaspur Balmi r-a., distant 10 m.
		MORADABAD	12½	80½	A small cantonment and civil stn.; supplies plentiful on notice; abundant good water from 2 wells S. of C-G., which is N. of r-a.; other wells in cantonments; country cultivated; road as in last stage; pass Taharpur at 3 and cross the Gurga (bridged) at 7½ m.
		Total marches, 3 =			
		80½ m.			

Route No. 27(a).
FROM ALIGARH TO MORADABAD.
via JATWAI AND SAMBHAL.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Aligarh, Aligarh.	SOMNA	13½	13½	See Route 266.
		KHURJA	14½	27½	
		BHUR near BULANDSHAHN.	12	39½	
	Collector of Bulandshahr, Bulandshahr.	JATWAI	15	54½	A small village; supplies on notice; plentiful good water from wells close by; suitable space, for a battn., to encamp on wasteland close to b.; country open and cultivated; road, 30 ft. wide, metalled, bridged and fit for all arms; pass through the stn. of Bulandshahr, and then cross the Kali Nadi.
		ANUPSHAHN	12½	67½	See Route 24(a). Country and road as above.
G. O. C. Rohilkhand District, Bareilly.	Collector of Moradabad, Moradabad.	GUNWAN	5½	72½	See Route 27.
		RUJHERA	8½	81½	
		SAMBHAL	9½	90½	
		MYNATHEIR	10½	101½	
		MORADABAD	12½	113½	
		Total marches, 10 =			
		118½ m.			

Route No. 28.
FROM ALIGARH TO MUTTRA.
via RAYA.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Aligarh, Aligarh.	IGLAS	16	16	A small village; supplies procurable; abundant good water from wells; no regular C-G., but plenty of level country near the village; country level, open, and well cultivated; road, 30 ft. wide, metalled, bridged, and suitable for all arms.
		RAYA	11½	30½	A village; supplies on notice; well water plentiful and good; no defined C-G., but camp could be pitched anywhere on surrounding fields; country as above; road unmetalled after the first mile and about 25 ft. wide; pass Mohukampur at 4½, Najibab at 6, Satni at 8½, and join metalled road from Hathras Junction at 11 m.
		MUTTRA	10½	41	See Route 13. Country open and cultivated; road good and metalled, running alongside of the ry. (R. M. R.); pass Ghosna at 4½ and cross the Jumna at 7½ m. by combined road and ry. bridge; another road, also metalled, branches off at 5 m. and reaches Muttra (18 m.) by foot-bridge across the Jumna at Gokal Ghat; ferry in the rains, about 30 boats available, each holding from 25 to 100 men.
		Total marches, 3 =			
		41 m.			

Route No. 29.
FROM ALLAHABAD TO BANDA.
 via FATEHPUR CHILLATARA AND PIPEENDA.

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C. Allahabad District, Allahabad	Collector of Allahabad Allahabad.	From the By Rest Barracks to—			
		MUFTI KE PURWA	10½	10½	
		KOHKHIRAJ	14	24½	
		SAINI	18½	37½	
G O C. Oudh District, Lucknow	Collector of Fatehpur, Fatehpur	KATOUGHAN	13	60½	See Route 206
		THARIYAOON	12½	69½	
		FATEHPUR	13	76½	
		DOWHA 170 x 125 yds.	14½	89½	
G O C. Bundelkhand District, Agra	Collector of Banda Banda	LALAULI 230 x 114 yds p-o	7½	97	A large village supplies procurable, abundant good water from 2 wells, one to the N and the other to the S of C.G., site for which is S of road; country fairly cultivated road metalled and bridged, pass Ghausapura at 6, Shah at 8, and Khatauli at 11 m
		CHILLATARA 400 x 200 yds p-o b	2½	99½	A large village on the left bank of the Jumna supplies procurable; abundant good water from a well on C.G., site for which is W of road, country and road as in last stage
		PIPEENDA p-o	12	111½	A village on right bank of the Jumna supplies plentiful, abundant good water from a well on C.G., which is W of road; country and road as above, cross the Jumna (2 m wide in rain) soon after starting by bridge of boats in dry season by ferry (20 boats) in the rains; the junction of the Ken and Jumna is a little above the village.
		BANDA 370 x 100 yds. p-o t-r s b	11	122½	A village supplies except forage, plentiful abundant good water from a well, 100 yds. N of C-G spacious site for which is S. of village country and road as before
		Total marches 11=			A small cantonment and civil stn; supplies abundant plentiful good water from a well on C-G, which is near the church, country and road as above
		122½ m			

Route No. 29(a).
FROM ALLAHABAD TO BANDA.
 via RAJAPUR FERRY AND BILGAON

old RAJAPUR FERRY AND BILGAON

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Allahabad District, Allahabad	Collector of Allahabad Allahabad	From Ry Rest Barracks to—			NOTE—Although this route is shorter than No 29, the road is not nearly so good. See Route 206.
		MUFTI KE PURWA	10½	10½	
		KOHKHIRAJ	14	24½	
		SARSAWAN 240 × 140 yds.	15½	40	
G O C. Bundelkhand District, Agra	Collector of Banda, Banda.	RAJAPUR 300 × 160 yds. p-o b	12	52	A large village supplies on notice, good water for a bath, from a well, and (for animals) from a tank, containing water in the rains, close to C-G, which is in a mango grove 1½ furlong W of barracks, country flat and well cultivated, road metalled for last 10½ m only, but bridged throughout, pass Bharwari r-s at 2, and cross the Sasser Kaderi R. at 8 m
		PAHARI 290 × 190 yds	18	65	A large town on right bank of the Jumna, supplies plentiful; abundant good water from wells in vicinity of C.G., which is ½ m S of town road as Naobasti at 11½ m, by a ferry of 17 large and 15 small boats From Rajapur 17½ m.
		OPAN 180 × 140 yds	10	80	A village supplies on notice; water from a well near village and from 2 tanks close to C-G, which is ½ m N of village and road, country flat and well cultivated road on unmetalled cart track; pass Rajaipura at 3 and cross the Ohna stream (fordable except after heavy rain) at 6 m
		BILGAON 240 × 120 yds	14½	94½	A village supplies on notice; plentiful good water from a well on C.G. site for which is S. of road and close to village, country and road as above cross the Palauri stream at 5½ and the Bagana stream at 8 m, both fordable, except after heavy rain, no ferries.
		BANDA.	12½	107	A village, supplies on notice; plentiful good water from a well on C-G, which is S of road and 1 furlong W of village; country and road as above but latter bridged for last 1½ m, pass Bisundra or Bisra (site for encampment with well here) at 8½ m.
		Total marches, 8 = 107 m.			See Route 23 Country as above, road metalled for last 8 m only, but bridged throughout.

Route No. 29(b).
FROM ALLAHABAD TO BANDA.
via RAJAPUR FERRY AND KAMASIN.

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	From the Ry. Rest Barracks to—			
		MUFTI-KI-PURWA . . .	10½	10½	} See Route 286.
		KOKKHIRAJ . . .	14	24½	
		SARSAWAN . . .	16½	40	} See Route 29 (a).
		RAJAPUR . . .	12	52	
G. O. C. Bundelkhand District, Agra.	Collector of Banda, Banda.	KAMASIN 400 × 250 yds. p.o.	35½	87½	A large village with tehsil; supplies on notice; plentiful good water from a well about 200 yds. W. of C-G., which is ½ m. E. of village; country flat and well cultivated; road, an unmetalled cart track, over broken country; crosses the Paimani stream (ferry sent here from Rajapur during rainy season) at 5½ and the Bagain stream at 10½ m., both fordable except after rain.
		BABERU 340 × 250 yds. p.o.	12½	100½	A large village with tehsil; supplies on notice; plentiful good water from a well near, and a tank about ½ m. N. of C-G., which is N. of road and ½ m. W. of village; country as above; road, an unmetalled cart track, impassable for wheeled traffic during the rains; pass Barhas at 6½, Datoun at 6½, and Umarai at 8½ m.
		TINDWARI . 350 × 310 yds.	10	110½	A small village; supplies on notice; plentiful good water from a well on, and a tank N. of, C-G., which is E. of road and 380 yds. S. of village; country and road as above; pass Haridoli at 1½, Tola at 3½, and cross the Garani stream (fordable except when in flood) at 6½ m.
		BANDA . . .	14½	125½	See Route 29. Country and road as above, but latter metalled for last 1½ m.
		Total marches, 8 = 105½ m.			

Route No. 29(c).
FROM ALLAHABAD TO BANDA.
via KARALI, RAJAPUR FERRY, AND BILGAON.

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	From the Ry. Rest Barracks to—			
		BHAGWATPUR 210 × 200 yds.	7½	7½	A small village; supplies on notice; good water from 2 wells in village and one on S. edge of C-G., which is in a grove of trees, on both sides of the road, and 200 yds. E. of village; country level, open, and partially cultivated; road, unmetalled, but raised and bridged, indifferent for first 3 m., where a nullah is crossed, runs W. along the Cawnpore road until the Grand Trunk Road is reached, then S-E. crossing the ry. by a level-crossing; pass Jalwa at 8½ m., whence an unmetalled road runs under the ry. to Dumanganj on the Grand Trunk Road. Bamberoli r.s. is distant 1 m. N.
		BASOHAR . 175 × 150 yds.	11½	18½	A village and bazar; supplies on notice; good water, for a battn., from a well 100 yds. N. of C-G., site for which is N. of road in a grove of trees, 300 yds. W. of village; country as in last stage; road unmetalled, but bridged, good up to the Sasaur-Kaderi R., 6 m., thence passable only during the dry weather; pass Babupur at 4½, Fatai at 6, and Babya at 6 m. Nearest p.o. at Sarai 1 m. N. of Basohar.
		KARALI 115 × 100 yds. p.o.	8	26½	A small town; supplies on notice; good water, for 1½ battns., from a well E. of, also from a tank near, C-G., site for which is in two mango groves 100 yds. W. of the town, and on both sides of the road; country as above; road, unmetalled, and only partially bridged; pass Bandoli at 4 and Anaspur at 5 m.
		SHAMUPUR 500 × 400 yds.	10	42½	A large village on left bank of the Jumna; supplies on notice; good water from a well (diameter 18 ft., depth of water 8 ft.) in village, opposite which is C-G., in a series of small groves on both sides of the road; country open and well cultivated; road as above; pass Maharwar at 6, Pochin at 8, and begin to descend into the Jumna Valley at 13 m.
G. O. C. Bundelkhand District, Agra.	Collector of Banda, Banda.	RAJAPUR . . .	2½	45½	} Country and road as in last stage; at about 3 m. reach the river ghat at Nasbasin (called the Rajapur Ghat).
		PAHARI . . .	13	59½	
		ORAN . . .	15	74½	} See Route 29(a).
		BILGAON . . .	14½	89½	
		BANDA . . .	12½	101½	For other remarks, see Route 29.
		Total marches, 9 = 101½ m.			

Route No. 30.
FROM ALLAHABAD TO ETAWAH.
via FATEHPUR, KHAJUHA AND SIKANDRA.

AUTHORITY		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O O Allahabad District, Allahabad	Collector of Allahabad, Allahabad	From the Ry Rest Barracks to—			
		MUFTI KE PURWA	10½	10½	
		KORKHIRAJ	14	24½	
		SAINI	18½	37½	See Route 266.
		KATOGHAN	13	50½	
		THARIYAON	12½	63½	
G O O Oudh District, Lucknow	Collector of Fatehpur, Fatehpur	FATEHPUR	12	76½	
		PANI-KI-CHOWKI 180 x 160 yds.	10½	86½	A small village, supplies procurable, abundant good water from 2 wells on C-G, which is S of road on level land, country partially cultivated, road unsurfaced between the 3rd and up to Malena r-o at the 7th m; the other portions of the road are metalled and the whole is bridged throughout.
		KHAJUHA 850 x 1800 yds p-o.	11	96½	A village, supplies procurable, abundant good water from a well near C-G, which is N of road; country as above, road as in latter part of last stage, crosses the Cawnpore Banda road, which is raised, metalled, and bridged at 9 m.
		SALHI (JEHANABAD)	12½	109½	A village, supplies procurable, abundant good water from 6 wells near C-G, which is N of road, country and road as above, a raised, unmetalled, but bridged road from Arronki to Shurajpur crosses near the camp.
		GHATAIMPUR 158,140 sq yds. p-o.	12	121½	A small town, supplies plentiful, abundant good water from a well and tank on C-G, which is W of road, country well cultivated, road raised, bridged, but unmetalled; during the rains it is under water in many places and difficult for wheeled traffic, pass Kunwan Khers at 2½ and Nouranga at 7 m.
		MUSANAGAR p-o.	13	134½	A bazar S. of road, supplies procurable, good water, for a batta, from 2 wells, one on C-G small site for which is in Kirpalpur village, 4 m N of road and the same distance from Musanagar, country and road as in last stage, cross the Banda Nadi at 4, the Ganges canal at 8½, and pass Sakha at 11½ m.
		BHOGNIPUR 65,820 sq yds. b	10	144½	A village, supplies procurable, good water for a batta, from a well W of C-G, which is near village, country and road as above; cross the Sengur Nadi at 2 and the Karondiya Nadi at 7½ m, both strongly bridged.
		SHAHJAHANPUR 125 x 55 yds	8	152½	A village, supplies procurable, good water, for a batta, from a well on C-G, site for which is S.E. of the village, country cultivated, road as in last stage but remains under water in places during the rains, pass Macha at 2 and Gargoon at 4½ m.
		SIKANDRA 100 x 170 yds p-o.	10	162½	A village, supplies procurable, good water, for a batta, from a well on C-G, which is W of road, country well cultivated, road as above, but under water in many places during the rains; pass Jalalpur at 1½ and Rajpur at 4 m.
		AURAIYA 800 x 300 yds. p-o b	10½	172½	A small town, supplies and good water plentiful, two wells bring on C-G, which is on road to the north town, country flat and partially cultivated, good unmetalled road, raised, and bridged.
G O O Meerut District, Meerut	Collector of Etawah, Etawah	AJITHMAL 88,760 sq yds. p-o.	14	186½	A village, supplies on notice, plentiful good water from a well on C-G which is on roadside close to village, country and road as in last stage pass Mehuli at 6 and Imli at 12½ m.
		BAKLWAR 800 x 300 yds p-o	12½	199½	A village, supplies procurable from the neighborhood, plentiful good water from a well on C-G, which is close to village, country and road as above, pass Mulhari at 4½ and Ujhani at 8 m.
		ETAWAH	14½	213½	See Route 16
		Total marches, 18 =			Country and road as above, but latter metalled for last few miles, pass Bijauli at 3, Burai at 6½, and Ikli at 8 m, after which the road is metalled
		213½ m			

Route No. 31.
FROM ALLAHABAD TO FYZABAD.
via SORAEON AND SULTANPUR

AUTHORITY		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O O Allahabad District, Allahabad	Collector of Allahabad, Allahabad	From the Ry Rest Barracks to—			
		SORAEON 500 x 200 yds p-o.	14½	14½	A large town, supplies plentiful abundant good water from 8 wells, 3 on, and the others within 300 yds. of C-G, which is 700 yds. N of town and by the roadside, road raised, metalled, and bridged, at 4½ m, reach right bank of the Ganges, cross the river in the dry season by a bridge of boats, the surface of which varies, the width of the bed is from 14 to 23 m, and the approaches by a fascine road are good. A ferry (12 boats, each carrying 150 mcs and 5 smaller ones) during the rains; other boats available on due notice, the passage from Ramnabad (on the right bank) occupies 1½ hrs; boats land at Fapmanan Ghat, at 8½ m, pass through Malak-Narhar and at the river roads (one of which goes to Nawanganj, and the other on the S. metalled, to the usual position of the bridge of boats) turn N. up the Fyzabad road, pass Chattrpur at 10 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.		KHARWIN . 1,190 x 1,180 yds. b.	11½	25½	A village; supplies must be collected; plentiful good water from wells W. of C-G., which is W. of road; country low and liable to inundation at times; road as above; pass near Mhow at 8 m.
		PARTABGARH (BELA). 133,610 yds. p-o. t-s. r-s. b.	13	37½	A small civil stn.; supplies abundant; plentiful good water from 3 wells near, and the Sai R., ½ m. from C-G., which is at Bela, 8½ m. N.E., of Partabgarh at the junction of the Allahabad-Fyzabad road; country level, open, and well cultivated; road as above; cross the Kerowi at ½ and the Kanesta at 4 m., latter 80 yds. wide, both strongly bridged.
		TIRSULI 410 x 410 yds. p-o. b.	12½	49½	A small village; supplies procurable; plentiful good water from a well N.E. of C-G., which is E. of road; country and road as in last stage; pass Dargapur at 2 and Narainpur at 5 m.
		SULTANPUR 400 x 300 yds. p-o. t-s.	10	59½	A civil stn.; supplies and good water plentiful; good C-G. (with 2 wells) at Piegapur, 2 m. before reaching Sultanpur; country and road as above.
		KHOREBHAR 350 x 300 yds.	14	73½	A small village; supplies procurable; plentiful good water from a well S. of C-G., which is E. of road; country and road as above, but latter narrow and winding in the Gumti valley; pass Sultanpur at 2 and Gaptarganj at 12 m.; a strong wooden bridge is built over the Gumti near Sultanpur and can bear guns taken over singly.
		BIKAPUR 88,520 sq. yds. p-o. t-s.	12½	86½	A village; supplies procurable; good water, for a battn., from a well on C-G., which is E. of road; country and road as above; pass the Chowra-Mulkipur road at 8½ and the Khigraghat-Mulkipur road at 7½ m.
		FYZABAD 114,910 sq. yds. p-o. t-s. r-s. b.	13	99½	A cantonment and civil stn.; supplies abundant; plentiful good water from 2 wells close to C-G., which is near the B. I. line, sometimes flooded during the rains; country and road as above; cross the Murha nullah at 3 m.
		Total marches, 8 = 89½ m.			

**Route No. 32.
FROM ALLAHABAD TO JAUNPUR.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.		JHUSI . . .	5½	5½	See Route 268.
		PHULPUR 840 x 330 yds. p-o.	14½	20	A small town; supplies procurable; plentiful good water from 3 wells on C-G., which is W. of road and 200 yds. S.W. of village; country open and cultivated; road, metalled and bridged throughout, leaves the Grand Trunk Road at Jhusi inspection b.; pass through Yusafpur at 4, Sahson at 6½, Babaganj at 10½, and Ferozepur at 13 m.
		BADSHAHPUR 226 x 136 yds. p-o.	10½	80½	A small town; supplies procurable; good water, for a battn., on C-G., site for which is N. of road, ½ m. S. of town, liable to inundation in the rains; country and road as above; cross the Burna R. at 4, pass Pandahpur at 6, Purnpur at 8, and Kamalpur at 9½ m. From Badshahpur a road runs to Partabgarh, distant 28 m.
		MAOHLISHAHE 244 x 75 yds. p-o.	13½	44½	A small town; supplies on notice; good water, for 2 battns., from a well on, an (for animals) from another well near C-G., good site for which is S. of road and ½ m. W. of village; country and road as above; pass Mudpur at 7, Rajapur at 8, and Butmahil at 11 m.
		SIKRABA 185 x 130 yds.	8	52½	A small village; supplies on notice; plentiful good water from a well 30 yds. from C-G., good site for which is 100 yds. N. of village; water for animals from the Sai R., crossed at end of stage; country and road as above.
		JAUNPUR . 41,820 sq. yds. p-o. t-s. r-s. b.	11	63½	A small civil stn. and old cantonment on right bank of the Gumti; supplies abundant; plentiful good water from a well on, and (for animals) from the river, ½ m. from C-G., which is about 1½ m. from the city; country and road as above; pass Deha at 5 and Shabaspur at 7 m.
		Total marches, 6 = 63½ m.			

**Route No. 33.
FROM ALLAHABAD TO JUBBULPORE.
via SOHAGI, BEWAH, AND MAHAR.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.		GHURPUR 398 x 210 yds. b.	11½	11½	A village; supplies procurable; plentiful good water from 2 wells 80 yds. from C-G., which is N. of and adjoining village; country fairly cultivated; road raised, metalled, and bridged; cross the ry. at the Rest Camp and the Jumna at 3 m. by the ry. bridge, cart-road underneath; after crossing, a metalled road branches off to the left to Naini r-s., 2 m.; pass Dandi at 5½ m.
		JARI 400 x 300 yds.	8	19½	A large village; supplies procurable; water, for 2 battns., from a well in bazar; animals water at a tank 60 yds. N.E. of C-G., which is 100 yds. S. of village on both sides of road; country open and cultivated; road raised, metalled, and bridged, but falling into disrepair after 3 m.; pass Kanti at 5 m.

ADMINISTRATIVE		Name of station and place of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		M. loc.	Total.	
G O C Allahabad District Allahabad	Collector of Allahabad.	SURWAL 603 x 430 yds	8	27½	A small village, supplies on notice, good water from 2 wells, and (for animals) from a tank near C-G site for which is immediately N of the cross roads and between them and Surwal which is 600 yds N, country open and sparsely cultivated, with patches of open low scrub-jungle; road good but so old metalled one though now only kept up as an unmetalled one, pass Dehuri at 3 m
		SOHAGI 63 900 sq yds.	8	35½	A village at the foot of the Sohag pass and 0 m from the Nowah border, supplies procurable, good water from a well and tank near C-G which is E of road and ½ m N of village country fairly cultivated, road raised and bridged but unmetalled, cross the Tonsa (bed 600 yds wide, banks steep and difficult for carts) at Charita villa, 4 m, by a ford in the cold season by ferry (3 boats each carrying 60 men) in the rains. Sohagi is 18 m from Sitapur 2-1 m. E I Ry
		TYNDUA 180 x 115 yds	18½	51½	A small village, supplies procurable, water from a well W of and a tank near C-G good site for which is E of road country jingly at first then well cultivated and flat up to camp, road as above, ascends (gradual) early for first 1½ m - passes hatra at 7 and Gata at 19 m
		MANGAWAN 123,670 sq yds p o b	11½	62½	A large village, supplies ample, good water from a well in b compound 300 yds E of and from a tank in N E corner of C-G which is at junction of Allahabad and Great Deccan roads; country flat and cultivated, road as above, pass Tahan at 2, D ha at 4½, Farwar at 5½ and across the Zukarnar Nadi by a flat stony ford at 8½ m
G O C Gorakhpur District, Jhansi	Police Magistrate in Rewah	RAIPUR 27 360 sq yds p o b	7½	70½	A good sized village; supplies procurable, plentiful water from the Mahana Nadi 350 yds to E of, and a well on C-G, into for which is N of road and 1 m. N E of villa, country as above, road raised bridged and metalled, practicable for all arms, cross the Bikhani Nadi at 3½ m and the Mahana Nadi at end of stage both by causeways
		REWAH 830 x 380 yds p o t n b	10½	80½	A large town, supplies ample, plentiful good water from a well on S E corner of, another W of, and from the Dhi R close to C-G which is N of road country as above, road raised bridged and metalled except last 2 m, practicable for all arms, pass Chauraha at 2½, Kachha at 5 m, and cross the Bihari at end of stage by a high causeway, in rainy season the river overflows and is then crossed by a boat carrying 100 men
		KATRA MOHARI. 330 x 330 yds	13½	94½	A small village; supplies procurable drinking water from a tank 180 yds from N E corner of C-G, which is N of road, country as above, road raised, bridged and metalled, practicable for all arms, pass Chauraha at 4, Dola at 7½ and the road leading to Nagode at 7½ m
		ANARPATAN 400 x 400 yds p o b	14	108½	A large village, supplies on notice; good and fairly plentiful water from a well about ½ m S E of, and a tank 160 yds S. of C-G, which is near road and ½ m S W of village; country and road as above
G O C Bundelkhand District, Jhansi	Police Magistrate in Jhansi	MATHAR 240 x 120 yds. p o t n b	14½	123½	A large walled town, the capital of Jhansi State, supplies plentiful, good water from 2 wells near C-G site for which is 60 yds W of road about ½ m. S. of the city; country and road as above, cross the Tonsa R at 1½ m. The Nagode road (Route 308) branches off at Mathar
		GUNWARA 220 x 210 yds	12½	134½	A village, supplies on notice, plentiful good water from 3 wells near C-G, which is N W of village, country and road as above.
		SUBAHGANJ 165 x 170 yds	12½	147	A fair-sized village, supplies on notice, plentiful good water from 2 wells in vicinity of C-G which is 3 furlongs N-E of village, country undulating with some cultivation, road as above, pass near Andam 2½ at 4 m
		KYLWARA 235 x 180 yds.	9	156	A small village in British territory, supplies on notice, plentiful good water from 2 wells E of and near C-G which is 100 yds W of road and about 160 yds S of village, country and road as above, at 5 m pass near Jukha r.o., at 6½ m an unmetalled road leads to Bagpur 113 m W, b. at junction
G O C Bundelkhand District, Jhansi	Police Magistrate in Jhansi	MURWARA 337,000 sq yds. p o t n b	7½	163½	A small town, supplies plentiful abundant good water from 3 wells close by C-G which is S W of town country level uncultivated and partly covered with low jungle, road as before, pass Chokra at 3, Purana at 4 and cross the Kotari R at 6½ m.
		PIPRODE 68 900 sq yds	8	171½	A small village, supplies procurable, plentiful good water from a tank close to camp and from 3 wells in village S. of which is C-G, confined and swampy after rain, country very dry, in parts rocky; road as before, pass Tanjuri at 4 and cross the Nawa at 5 m.
		SLIMANABAD (i) 400,000 sq yds. (ii) 200,500 sq yds. p o	8½	180	A village; supplies procurable, plentiful good water for northern camp from fir wells and the Kaini stream; and for S W one from a well and tank; C-G (i) N of the other (i) S W of village, country hilly and very jaggedly rough as above, cross the Kotari R and five nullahs en route, pass Khyangura 2½ and Tera at 5 m
		SIHORA 172,500 sq yds. p o t n b	13½	193½	A large village, supplies abundant, water plentiful from five wells, two tanks and stream, C-G ½ m N-E of village, country at first hilly and jingly afterwards open and cultivated, road as before; pass Kolia at 1½, Amocha at 4, and Mohla at 8 m
G O C Bundelkhand District, Jhansi	Police Magistrate in Jhansi	GHOSULPUR 440 x 350 yds b	8	201½	A village, supplies plentiful, water abundant from five wells and a tank; C-G 600 yds S of village, country flat, open, and cultivated, road metalled bridges over two nullahs, practicable for all arms, cross the Hiran R at 2 m. by ford in dry season by ferry (carrying 30 men) in the rains
		PANAGAR 250 x 160 yds p o	9	210½	A good-sized village, supplies plentiful; water abundant from numerous wells and tanks, C-G S of village 300 yds E of road nearly 1 m in, shaded by mango trees, country undulating at first then open with cultivation, road metalled and bridged, practicable for all arms
		JUBBULPORE (580 x 600 yds road camp) p o t n b	9	219½	A cantonment and civil station, supplies procurable, water for rest camp from well and pipe, and for C-G (750 x 200 yds), which lies N W of civil lines and E only from wells and a stream; country as in last stage; road metalled and practicable for all arms; cross the Paroyat, by bridge and a dry nullah which has been forded in the rains had paved with stones. For roads from Jubbulpore Allahabad and Raipur, see Bombay Route Book Nos 237, and 237, respectively
		Total marches 21=		2194½ m	

FROM ALLAHABAD TO JUBBULPORE.

via LALGANJ, THE KATRA PASS, REWAH, AND MAIHAR.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.		From the Ry. Rest Barracks to—			NOTE.—This route is impassable in the rains up to Lalganj.
		KARCHANA . 70,000 sq. yds. p-o. t-o. r-o.	15½	15½	
		NEJA (SIRSA ROAD) RY. STATION 800 x 200 yds. p-o. t-o.	10½	26½	
		CHILGILLA . 150,000 sq. yds.	13	39½	
		LALGANJ . 180,850 sq. yds. p-o. b.	13½	52½	
G. O. C. Allahabad District, Allahabad.		BARRAUNDA . 15,300 sq. yds. b.	7½	60½	A small town; supplies on notice; plentiful good water from 5 wells and from tanks near C-G, which is N. of village and in mango grove, liable to be flooded after heavy rain; Karchana r-o. 2 m. N-W.; road, unmetalled beyond Nalci r-o., paved at 6½ m., is bridged across large nullahs; cross the Jumna at 3 m. by ry. bridge; cart-road underneath.
		DRUMMONDGANJ (KATRA PASS) 26,150 sq. yds. p-o. b.	7½	67½	
		HANUMANA . 177,200 sq. yds.	11	78½	
		MAUGANJ . 214 x 110 yds. p-o. b.	16	94½	
		LOUR . 329 x 250 yds.	12	106½	
G. O. C. Allahabad District, Allahabad.		MANGAWAN .	10	116½	A small village; supplies on notice; fair water, scarce in dry weather, from wells in vicinity of C-G, which is in a grove of trees, ½ m. N-W. of village; water for animals from two tanks; Nalci r-o. ½ m. N-E.; road neither raised, metalled, nor bridged; cross the ry. at about 10 m.
		RAIPUR .	7½	123½	
		BEWAH .	10½	133½	
		KATRA MOHARI .	13½	147	
		AMARPATAN .	11	158	
G. O. C. Allahabad District, Allahabad.		MAIHAR .	11½	170½	A small village; supplies on notice; plentiful good water from 4 wells, one on, and the others near C-G, which is N-W. of village and on left of road; water also from a nullah 4 m. E.; road as in preceding stage up to Mauganj, then country becomes hilly, and road is bad in places for carts; pass Rajpur at 2½ m.; a nullah is crossed under a rocky ridge just beyond Rajpur, sandy, but generally not difficult; pass Mauganj, a small town, at 3½, Nalci at 6½, and Manikpur at 11½ m.; join the Grand Duveran road at Lalganj, from which place Benares is distant 60 m.
		GUNWARA .	12½	183½	
		SUNHANGANJ .	12½	196½	
		KYLWARA .	9	205½	
		MURWARA .	7½	213½	
G. O. C. Allahabad District, Allahabad.		PIPRODE .	8	221½	A large village; supplies plentiful; good water from two wells and from the Scott, near which and on right of road is site for C-G.; country and road as above; cross the Bahad on starting, by a causeway in dry weather, by ferry (several small boats) in the rains, and the Scott stream (bridged) at end of stage.
		SAMJANABAD .	8½	230½	
		SIHORA .	13½	244½	
		GHOSULPUR .	8	252½	
		PANAGAR .	9	261½	
G. O. C. Allahabad District, Allahabad.		JUBBULPORE .	9	270½	A large village; supplies ample; good water from a well on C-G, site for which is N. of road; country flat and cultivated; road raised, bridged, and metalled, passable for all arms; nullahs are crossed by causeways; pass Bijholi at 6. Khutlari at 7½, and Tamman at 12 m.
		Total marches, 25=		272½ m.	

See Route 33.

Route No. 34.
FROM ALLAHABAD TO MIRZAPUR.
 and THE LEFT BANK OF THE GANGES.

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Colr of Allahabad, Allahabad	From the Ry. Rest Barracks to—			See Route 256
		JHUMI .	5½	6½	
		SAIDABAD .	13½	19½	
		BARAUT	10	29½	
		GOPIGANJ	12	41½	
	Collector of Mirzapur, Mirzapur	NARGHAT p-o.	12½	54	<p>A village, supplies procurable, plentiful good water from the Ganges and village wells, good space available for C G by roadside, country well cultivated road metalled and bridged, pass Gopura at 2½, Amwa at 3, Jagannathpore at 4½, Naraal at 5½, Obetganj at 7½, Mioradahi at 8, and Mawaya at 11½ m</p> <p>A small civil sta and old cantonment on right bank of the Ganges, supplies plentiful, good water from a tank, wells and the river; C G on the parade ground, country and road as before, cross the Ganges on starting, by ferry, two large paddle steam-boats and other ferry-boats available; the river is a mile in width with a channel ½ m wide in dry season, right bank steep, left bank easy; pass through the city to civil sta</p>
		MIRZAPUR 23.0 0sq yds p-o. l-a r-a b.	4	58	
		Total marches, 6 = 58 m.			

Route No. 34(a)
FROM ALLAHABAD TO MIRZAPUR.
 and THE RIGHT BANK OF THE GANGES.

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Allahabad District, Allahabad	Colr of Allahabad, Allahabad	KANCHANA	15½	15½	See Route 33(a)
		MEJA (SIRSA ROAD) RY STN	10½	26½	
		CHILBILLA	18	38½	
		NARAUNA .	12½	50½	
		MIRZAPUR	12½	63½	
	Collector of Mirzapur, Mirzapur	Total marches 5 = 63½ m.			<p>NOTE.—This route would only be used if No. 34 was unavailable as the road is only tolerable during the dry season and impassable in the rains</p> <p>A group of small villages near the left bank of the Kanchana, supplies must be collected, good water from the river and a well on C-G, site for which is in a small grove of trees on left of the road, country at first low and liable to inundation in places, afterwards high undulating ground towards low hills on the right road bad, unmetalled, and unbridged, leave the Jabulpore road at 1, cross the ry. by a level crossing at 1½ pass Fala at 4, Bera at 7½, and Kalna at 10 m, whence an unmetalled road runs to Gargum r</p> <p>See Route 34</p> <p>Country rather hilly road raised, metalled, and bridged after 8 m, ford the Barauti soon after starting; during the rains, when the river is in flood, one boat carrying 20 men is available, large boats carrying 100 men each on notice cross the ry at Sheopor at 5, pass Bindhmal at 6½, and cross the Ajghala R. at 6½ m</p>

Route No. 35.
FROM ALLAHABAD TO NAGODE
 and THE SOHAGI PASS REWAH, AND MADHOGARH

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Allahabad District, Allahabad	Colr of Allahabad, Allahabad	GHURPUR .	11½	11½	See Route 33
		JARI	8	19½	
		SURWAL .	8	27½	
		SOHAGI .	8	35½	
		TINDUA	16½	51½	
	Political Agent in Rewah, Rewah	NANGAWAN	11½	62½	
		RAIPUR .	7½	70½	
G O C. Noida District, Jabalpore.		REWAH .	10½	80½	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Northanna District, Subalpine.	Political Agent in Bawal, Rawah.	RAMPUR 380 x 380 yds. p-o. b.	16½	96½	A medium-sized village; supplies ample; water from a well (diameter 6 ft., depth of water 6½ ft.) in b. compound, also from the Naar Nadi; C-G. N. of the Suban. Bala road; country flat and cultivated; road mixed, bridged, and metalled, suitable for all arms; nullahs crossed by causeways; pass Rewar at 7½ m.
		MADHOGARH 380 x 380 yds. p-o. b.	9½	106½	A large village; supplies ample; good water from 4 wells and the Tense R., 300 yds. E. of which and S. of road is C-G.; country undulating and partly cultivated; road and nullahs as above; cross the Naar on starting, pass Kaunila at 3½, cross the Magharda at about 6½ m., and pass Darjaapur soon afterwards.
G. O. C. Durgakhand District, Agra.	Political Agent in Durgakhand, Sutina.	SUTNA 280 x 220 yds. p-o. t-s. s. b.	6	112½	A small civil sta.; supplies plentiful; abundant good water from a well close to C-G., which is near road and 1 m. N-W. of town; country and road as above cross the Tense R. close to Madhogarh; a ferry (3 boats, each carrying 25 men) when the river is in flood.
		NAGODE 300 x 300 yds. p-o. b.	15½	128½	A large town; supplies abundant; good water from 2 wells on C-G., which is in a mango grove N. of town; country slightly undulating and well cultivated; road as above; pass Sahawal (p-o.) at about 4½ m. and cross the Satna soon afterwards.
		Total marches, 12=			
		128½ m.			

Route No. 36.
FROM ALLAHABAD TO RAE-BAREILLY
via NAWABGANJ AND SALON.

ADMINISTRATIVE.		Names of villages and date of surveying process.	DISTANCES.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Col. of Allahabad.	From the Ry. Rest Barracks to—			
		NAWARGANJ 300 x 300 yds. p-o.	14½	14½	A large village; supplies on notice; good water from 4 wells, one on, and the others in the vicinity of C-G, which is in a mango grove, S. of road and ½ m. E. of village; country level and well cultivated; road, as far as Malakhar, as described in Route 31, against the stage Serson, thence unmetalled, but bridged and in good order.
		BIHAR 21,000 sq. yds. p-o.	12½	26½	An old town surrounded by fields; supplies on notice; plentiful good water from 3 wells on C-G, site for which is N. of road; country level, open, and well cultivated; road unmetalled, but raised and bridged, fit for all arms throughout the year; pass Uda at 12 and Gopulganj at 8½ m., whence the road to Rae-Bareilly and Mantpur branches off.
		NEWADA 21,000 sq. yds.	12½	59½	A village; supplies procurable; good water for 1,500 men from masonry wells, in vicinity of C-G, site for which is on both sides of the road; country and road as in last stage.
		SALON 32,610 sq. yds. p-o. b.	13	52½	A town; supplies procurable; abundant good water from 2 wells S. of C-G, which is W. of road; country available; road partly metalled, but bridged throughout and practicable for all arms throughout the year.
G. O. C. Ongh District, Lucknow.	Dir. Commr. of Eastern District, Part. 23th.	KUNOWLI 530 x 52½ yds.	10	62½	A small village; supplies procurable; good water, for 2 battns., from a well on C-G, which is S. of road; country well cultivated, but low and swampy in places; road as in last stage.
		RAE-BAREILLY 165 x 150 yds. p-o. f-o. r-o. b. Total march, 4.6 m. 71½ m.	9	71½	A small civil stn.; supplies abundant; plentiful good water from a well on C-G, level site for which is S. of road; country and road as in last stage, latter runs parallel to Lucknow, Rae-Bareilly, and Benares Ry.

Route No. 36(a).
FROM ALLAILABAD TO RAE-BARELI,
via THE GRAND TRUNK ROAD AND MANIKPUR.

ARTICLES.		DISTANCE.		REMARKS.	
Quantity.	Cost.	Miles.	Total.		
G. O. C. South G. O. C. Allahabad Dist., Lucknow, Dist., Allahabad.	Collector of Allahabad, Allahabad. By Commr. of Ferozpurh, Ferozpurh.	From the Ry. Rest Barracks to—			NOTE.—Route 26 is preferable except in the rains, when this is better, being metalled for a greater distance. See Route 266. An old city on left bank of the Ganges; supplies on notice; water of indifferent quality from 3 wells on, and 2 in vicinity of C.G., site for which is near the town and on both sides of the road; country level, open and well cultivated; road metalled and bridged for first 1½ m., thence unmetalled but fair; leave the Grand Trunk Road at Buni, and then N. crossing the Ganges at end of stage, by ferry, 3 boats, each carrying 120 men, and others on notice; the bed of the river is sandy and about 2 m. wide.
		MUFTI-KA-PURWA	10½	20½	
		KONKHIRAJ	14	24½	
		SAINI	18½	37½	
		MANIKPUR . 21,200 sq. yds. P.O.	9½	47	

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Oudh District Lucknow	DY Commr of R. & B. Bareilly	MUSTAFABAD 20 010 sq yds. p-o	12	50	A village supplies procurable, plentiful good water from wells in vicinity of G. G., level 6 to 7 ft above sea level, country as above road unmetalled but bridged and practicable for all arms.
		JAGATPUR 00,600 sq yds p-o.	12	71	
		RAE-BAREIL	12	83	A village, supplies procurable plentiful good water from a well on G-G, which is on both sides of the road; country and road as in last stage. The Ganga-pore Partabgarh road passes through the village. See Route 30 Country fairly cultivated, road as above for first 8 m, thence metalled; cross the Set R. at 11 m
		Total marches 7=			
		83 m			

Route No 36(b).
FROM ALLAHABAD TO RAE BAREIL.
and NAWABGANJ AND MANIKPUR

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. Allahabad District Allahabad	Colr of Allahabad	NAWABGANJ	14½	14½	See Route 36
		LALGANJ (GOPALGANJ) 48,400 sq yds p-o	9½	22½	A large bazar; supplies procurable plentiful good water from 3 wells on G-G, which is N. of road, country level, open and well cultivated; road unmetalled but raised strongly bridged and practicable for all arms. The road to Rae Bareilly, and Saloni, branches off at Gopalganj
G. O. C. Oudh District Lucknow	DY Commr of R. & B. Bareilly	KUNDA 48,400 sq yds. p-o. b.	9	31½	
		MANIKPUR	8	39½	A good sized village supplies on notice plentiful good water from 3 wells on G-G, which is N. of road and near village, country and road as above.
		MUSTAFABAD	12	51½	
		JAGATPUR	12	63½	See Route 36 (a).
G. O. C. Oudh District Lucknow	DY Commr of R. & B. Bareilly	RAE-BAREIL	12	75½	For other remarks see Route 36.
		Total marches, 7=			
		75½ m			

Route No 37.
FROM ALLAHABAD TO SAUGOR
and THE SOHAGI PASS MAIHAR PIPARIA GHAT, AND DANOH

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. Allahabad District Allahabad	Colr of Allahabad	GHURPUR	11½	11½	See Route 33
		JABI	8	19½	
		SURWAL	8	27½	
		SOHAGI	8	35½	
G. O. C. Madhya Pradesh District Jabalpur.	Pol Agt in Rewah	TINDUA	16½	52½	
		MANGAWAN	11½	64½	
		RAIPUR	2½	70½	
		REWAN	10½	80½	
G. O. C. Benares District Agra	Pol Agt in Benares	KATRA MOHARI	18½	99½	
		ANARPATAN	14	103½	
		MAIHAR	14½	122½	
		GUNWARA	12½	135½	
		SUBAHGANJ	12½	147	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Panna Territory. Pol. Agt., Bundelkhand, Nowgong.	PURAINA . 880 x 180 yds.	18½	180½	A village; supplies on notice; plentiful good water from 3 wells on, and one near C-G., which is 700 yds. S. of village, where there are 2 tanks; country jungly with sparse cultivation; road for first 6½ m. metalled, thence unmetalled and in places stony, suitable for cavalry; pass Jokshi at 3½ and cross the Alone R. at 10 m., by a ford (25 ft. wide, depth of water 8 ft., bed rocky and difficult).
G. O. C. Bundelkhand District, Agra.	Panna Territory. Pol. Agt., Bundelkhand, Nowgong.	HARDWARA . 18,800 sq. yds.	7½	168½	A small village; supplies on notice; plentiful good water from the Kan, and 2 wells in village, 700 yds. E. of which is site for C-G.; country open, level, and cultivated; road as in latter part of last stage, cross the Kan (fordable except after heavy rain) at 1, and pass Saidi at 5 m.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Jubbulpore.	BARTALLA . 24,200 sq. yds.	8	176½	A small village; supplies on notice; good water from a stream, and a large tank 800 yds. S. of C-G., site for which is 400 yds. W. of village; country jungly with sparse cultivation; road unmetalled, but bridged, and suitable for all arms; pass Dhoniak at 2, Riti at 3, and Mohanase at 5 m.
G. O. C. Bundelkhand District, Agra.	Panna Territory. Pol. Agt., Bundelkhand, Nowgong.	RAIPURA . 400 x 300 yds.	6½	182½	A large village; supplies on notice; plentiful good water from a stream, wells, and tanks in vicinity of C-G., which is 800 yds. W. of village; country jungly and partly cultivated; road unmetalled, but suitable for all arms; pass Burgain at 8 and Hirapur at 4 m.; cross 3 nullahs en route by easy fords.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Damoh.	KUMHARI . 147,620 sq. yds.	9½	192½	A moderate-sized village; supplies procurable; good water from a tank, stream and 2 wells in vicinity of C-G., which is E. of village; country hilly, jungly, and barren; road as in last stage, but very difficult for artillery on account of 2 stony ghats, which have to be crossed, one soon after leaving Raipura, length 1 m., the other at 4½ m., length 2½ m.; pass Imlea at 2½ m.; cross 8 large nullahs, approaches steep, and 6 small hill streams, beds stony, by fords.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Damoh.	PIPARIA GHAT . 108,400 sq. yds.	8½	200½	A small village on the Bearmi; supplies on notice; good water from the river and wells in village; C-G. N. of road; country jungly, undulating, and partly cultivated; road as in last stage; ascend a steep ghat at 8½ m. and cross the Bearmi (bed rocky, 200 yds. wide, approaches steep) in the 8th m., by ford in dry season, by ferry (5 boats, each carrying 13 men) in the rains.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Damoh.	BELTURA . 92,200 sq. yds.	7½	208½	A few houses; supplies on notice; good water from 2 wells, one 150 yds. N.E. of, dried up from April, the other across the road near C-G., which is N. of road; country hilly and jungly; road, as above, passes over 2 steep ghats, and crosses 15 nullahs, those not bridged having muddy approaches and stony beds.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Damoh.	DAMOH . 59,380 sq. yds. p-o. t-s. r-s. b.	13	221½	A small civil stn.; supplies ample; plentiful good water from 2 wells, one on, the other in vicinity of C-G., which is S. of road and about ½ m. from hear; country level and partly cultivated; road unmetalled, but bridged, and suitable for all arms; pass Arnu at 5, Samana at 8, and Dharmapur at 9 m.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Damoh.	BANSA . 87,120 sq. yds.	7½	228½	A moderate-sized village near the Kopra; supplies procurable; plentiful water from the river, on E. bank of which, and 180 yds. from the village, is C-G.; country level and cultivated; road as in last stage, but metalled for first mile; pass Kumsa at 4, Sehora and Podaryah at 6 m.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Damoh.	GARHAETA . 38,060 sq. yds. p-o.	12½	241½	A large village on the Gadhari; good water from a well on, and the nullah near C-G., which is 8 of road; country as above; road metalled for first 5 m., remainder unmetalled, but suitable for all arms; cross the Kopra (100 ft. wide) on starting, by ford in the dry season, by ferry (several boats) in the rains, and the Sonar (330 ft. wide) and Gadhari en route, both by causeways in dry weather, by ferry during rains.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Damoh.	PARSORIA . 80,000 sq. yds.	14	255½	A small village; supplies procurable; good water from a well in a garden near C-G., which is S. of village; country undulating and cultivated, jungly at 8 m.; road metalled and bridged, suitable for all arms.
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Damoh.	SAUGOR . p-o. t-s. r-s. b.	14½	270½	A town, cantonment, and civil stn.; supplies plentiful; abundant good water from wells; C-G., accommodating about 5 batts., on brigade parade ground between the police and cavalry lines; country undulating and jungly for 11 m., thence cultivated; road as in last stage; cross the Besa R. at 2 m., by an iron suspension bridge. For a road from Saugor to Kemptee, see Bombay Route Book No. 216.
		Total marches, 25 = 270½ m.			

Route No. 38. FROM ALLAHABAD TO SHIURAJPUR. (ARTILLERY PRACTICE CAMP.)

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	From the Ry. Rest Barracks to—			
		DANDI .	5½	5½	A small village in the 2nd m. of the Allahabad-Benah road, on right bank of the Jumna; supplies on notice; plentiful good water from 3 wells, one opposite village on W. side, one further W., and one E. by roadside; site for C-G., on a large area of flat ground on both sides of the road, also a mango tope on W. of road; country flat; the Jumna is reached at 4 m. and is bridged by a very fine iron girder bridge, having an upper road for the ry. and a lower one for ordinary traffic; at the S. end of the bridge the road bifurcates, the left going on to Naini, Karachane, etc., and the right to Dandi. There are many routes from the Rest barracks to the Jumna bridge, but the best would appear to be Chawnpore road, Canning road, and Southern road, these are suitable for wheeled traffic.

ACTIVITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
O O Allahabad District, Allahabad	Collector of Allahabad Allahabad	BARAH 116 x 96 yds. p-o	14	10½	A village and sub treasury; supplies on notice, indifferent water, for a bath from 2 wells opposite temple; animals water from a large pond yds. S.E. of C.G., site for which is ½ m N of village, country open and with cult. rated, from Dand for 3½ m the road is metalled and bridged, at 8 m. pass Churpur inspection b, where there is a small site for encampment; pass Gohamur village on right of road, and leave the metalled road to Jabalpur remainder of the route is unmetalled, but in good order and passable at all seasons, at 10½ m cross the ry by a level crossing 300 yds from Jara m.
		SHYUNASPOR 83,600 sq yds p-o r-o	0	28½	
		Total marches, 8 = 28½ m			A village, supplies on notice; plentiful good water from wells tanks and stream in vicinity of C.G. which is by the roadside, and about ½ m. S. of village the r-o is ½ m S. of camp; country partly cultivated with low hills here and there road unmetalled, bad, uneven, and stony, impassable after heavy rain up to the 4th m it crosses several nullahs which are not bridged, but facilitates the road then gradually ascends to the Shimajpur plain, which it crosses winding along the foot of low hills in the 9th m., a nullah, with a rocky bed, is crossed 100 yds. from the camp, always fordable, the artillery passes ground here N E of r-lage and is on the W of the road and distant from it latter about 6 furlongs, it measures 1 m. in length and 3 m. wide. The road is not worked on any time, but is passable during the dry season

Route No. 39
FROM ALLAHABAD TO UNAO
via NAWABGANJ AND BIHAR.

ACTIVITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
O O Allahabad District, Allahabad	Collector of Allahabad Allahabad	NAWABGANJ	14½	14½	See Route 36
		LALGANJ (GOPALGANJ). KUNDA	8½	23½	See Route 36 (b)
		NANIKPUR	9	31½	
		MUSTAFAHAD	8	39½	For other remarks see Route 36(b).
		JAGATPUR	13	51½	See Route 36 (a)
		DITAWAR 10,000 sq yds. p-o	12	63½	A small village; supplies procurable, abundant good water from wells on C.G., site for which is ½ m S. of the junction of this road with the Fatehpur-Rae Bareilly road, country low and sandy, road raised, bridged, but unmetalled, general width between drains 40 ft. with 26 ft raised part, flooded in places during rains nullahs strongly bridged
		LALGANJ 60,000 sq yds p-o	13	76½	
		BIHAR 800 x 250 yds. p-o	8	84½	A large village; supplies procurable, plentiful good water from a well on C.G., site for which is N of bazar, country and road as in last stage; crosses a nullah on route, unbridged but fordable, depth of water about 8 ft, bad firm; only impassable after very heavy rain
		DIGHAPUR 600 x 170 yds.	15	99½	A small village supplies on notice, good water, for 2 bathns, from 2 wells N of, and from a tank and well close to, C.G., which is S of road; country as above; road unmetalled, but raised and bridged, practicable for all arms throughout the year
		ACHALGANJ 900 x 200 yds p-o	19	118½	A small village, supplies on notice, plentiful good water from 4 wells, and (for animals) from a pond in the immediate vicinity of C.G., which is S of road and W of village, country for 6 m. undulating in parts, thence level and open, road as in last stage, crosses a large nullah (strongly bridged) at 1½, pass a road to Bahadurganj on the Ganges (12 m. S.) at 2, and Manpur at 6 m
		UNAO 440 x 440 yds p-o. r-o. c-o. b	10	128½	A good-sized village, supplies on notice good water, for 1,500 men from 2 wells, and (for animals) from a pond in vicinity of C.G., which is W of village and S. of road, country slightly undulating, road level, unmetalled for 9 m., thence metalled, raised, and bridged.
		Total marches, 12 = 128½ m.	8	136½	A small city and civil station; supplies procurable; abundant good water from 2 wells close to C-G, which is near the road, country level and open, road metalled and bridged, passes the road to Chaurangan, about 12 m. W. of C.G., m.

Route No 40
FROM ALMORA TO LANDOUR
via DWARAHAT, BUNGIDHAR PAULI, AND TEHRI

ACTIVITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
O O O Bhojpur District, Bhojpur	Collector of Almora Almora	BANSEKHET 100 x 50 yds. p-o. b	18½	18½	A village elevation 4,800 ft., supplies on notice abundant good water from a stream, C-G to b. composed, country mountainous, road 8 ft. wide, unmetalled, steep gradient 1 in 12 in good order, but not suitable for wheeled transport across the Kosi, bridged, at about 6 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Dr. Commr. of Kanan, Almora.	DWARAHAT . 230 x 70 yds. p-o. b.	12½	25½	A village, elevation 5,000 ft.; supplies procurable on notice; abundant good water from three springs; C-G. in and around b. compound; country and road as above.
		GANAI . 125 x 50 yds. p-o. b.	9½	35½	A small village on a spur above the Ramganga R.; supplies on notice; good water from the river and a small stream; C-G. in b. compound; country and road as above.
		DEGHAT . 165 x 50 yds. p-o. b.	11½	47½	A small village on right bank of a branch of the Ramganga; supplies on notice, plentiful good water from the river; site for C-G. about 1 m. W. of village country and road as before; the Ramganga R., bridged, is crossed <i>en route</i> .
		BUNGIDHAR . 300 x 200 yds. p-o. b.	9½	56½	A small village; supplies on notice; good water from two streams; C-G. W. of b.; country and road as before.
		KAINUR . 300 x 300 yds. p-o. b.	14	70½	A large village; supplies on notice; plentiful good water from the Nayar R.; C-G. near b.; country and road as before; the Nayar R., bridged, is crossed at end of march.
		SAKUANA . 200 x 200 yds. b.	8	78½	A small village; supplies scarce; good water from a spring, to W. of which is site for C-G.; country and road as before.
		SINKHET . 600 x 200 yds.	10½	89½	A small village on bank of the Nayar R.; supplies scarce; good water from the river, to W. of which is site for C-G.; country and road as before.
		PAURI . 300 x 200 yds. p-o. t-s. b.	10½	99½	A small civil stn.; supplies procurable; good water from a tributary of the Alaknanda R.; C-G. S. of bazar and above the b.; country and road as above; the Nayar R., bridged, is crossed on starting.
		SRINAGAR . 400 x 200 yds. p-o. t-s. b.	8	107½	A town on left bank of the Alaknanda R.; supplies procurable; plentiful good water from the river, some 300 yds. S. of which is C-G.; country and road as before, latter, a good mule track.
		TAKOLI . 200 x 80 yds.	13	120½	A small village; supplies scarce; plentiful good water from streams; site for C-G. on cultivated land near village; country and road as before; the Alaknanda R., bridged, is crossed on starting.
G. O. C. Meerut District, Meerut.	Commissioner of Kanan, Almora.	TEHRI . 300 x 200 yds. p-o. t-s. b.	11½	132½	A small town, the residence of the Rajah of Garhwal, situated on the left bank of the Bhagirathi R.; supplies procurable; plentiful good water from the river; C-G. near but above the b.; country and road as before.
		KAURIGALLA . 300 x 200 yds. b.	11½	143½	A small village; supplies must be collected; plentiful good water from a stream; C-G. on cultivated land W. of b.; country and road as before; the first 3 m. are level and the remainder up-hill; the Bhagirathi R., bridged, is crossed at beginning of march.
		DHANAUTI . 400 x 160 yds. b.	13	156½	A small village, elevation 3,500 ft.; supplies must be collected; water scarce and at some distance below the village; C-G. in fields close to village; country and road as before.
		LANDOUR . p-o. t-s.	18½	175½	A small cantonment and convalescent depot, elevation 7,288 ft.; supplies abundant; plentiful good water from a spring on hillside about 1 m. S. of C-G., small site for which is on the parade ground; country as before; road, a mule track, 6 to 8 ft. wide.
		Total marches, 15=		170½ m.	

Route No. 40(a).

FROM ALMORA TO LANDOUR.

via DWARAHAT, BUNGIDHAR, PAURI, AND DEHRA-DUN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Dr. Commr. of Kanan, Almora.	BANSKHEH .	12½	12½	
		DWARAHAT .	12½	25½	
		GANAI .	9½	35½	
		DEGHAT .	11½	47½	
		BUNGIDHAR .	9½	56½	
		KAINUR .	14	70½	See Route 40.
		SAKUANA .	8	78½	
		SINKHET .	10½	89½	
		PAURI .	10½	99½	
		SRINAGAR .	8	107½	
G. O. C. Rohilkhand District, Bareilly.	Deputy Commissioner of Garhwal, Pauri.	BADAKOTI . 180 x 30 yds.	14½	122½	A few huts; supplies on notice; good water from the Alaknanda R., 180 yds. S.E. of which is site for C-G.; country mountainous; road unmetalled, from 4 to 6 ft. wide, almost level, passable for infantry and pack animals; cross the Khandagat R., bridged, <i>en route</i> .
		BYAGHAT . 130 x 100 yds.	11½	138½	A few huts; supplies on notice; water from the Ganges, 170 yds. S. of which is site for C-G.; country and road as above; cross the Rando R., bridged, <i>en route</i> .
		CHANDPUR .	10½	144½	A village; supplies on notice; water from the river below village and near small site for C-G.; country and road as before.
		BHATRAGNA . 165 x 100 yds.	12	156½	A few huts; supplies on notice; water from the Hyuni R. (fordable except after heavy rain), 70 yds. S. of which is site for C-G.; country and road as above.

AUTHORITIES		Names of stages and site of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. District Meerut	Superintendent of Dehra-Dun, Dehra Dun	BIKHI KESH 215 x 120 yds	10	166½	A village, supplies must be collected. good water from the Ganges and a stream near C-G, which is 2 furlongs S-W of village, country undulating, road unmetalled fair in dry season, and passable for mountain artillery, but impracticable during the rains; cross the Ganges by suspension bridge at Lucknow Jhela
		LACHIWALA 330 x 130 yds. p. a.	12	178½	A small village on right bank of the Song R; supplies very scarce, plentiful fair water from a canal 200 yds. E of C-G, which is N of road 100 yds W of village, country undulating and mostly covered with jungle; road unmetalled, 10 ft wide, good during the dry season, but more or less impracticable during the rains, being only partly bridged, crosses four hill torrents, dry except in the rains, cross the Song R., fordable, 1 m. from camp.
		DEHRA DUN 104 936 sq. yds. p. a. t. a. b.	10½	189½	A cantonment and civil sta 2,200 ft. above sea level, supplies abundant, drinkable water from a reservoir ½ m N of C-G, which is 8 of road near junction with the Meerut, Roorki and Landour road, country undulating and mostly covered with tree or grass jungle to within 3 m. of Dehra, road good, metalled with bitumen.
		RAJPUK p. o. t. a. b.	6	195½	A large village with several hotels at foot of the ascent to Landour and Mussoorie, supplies plentiful; abundant good water from a stream ½ m N W of C-G, small site for which is E of road and ½ m S of boxar, country mostly cultivated, road as in last stage
		LANDOUR	8	203½	See Route 40
		Total marches, 16=		208½ m	Country mountainous road 10 to 15 ft. wide, unmetalled, ruling gradients 1 in 6 to 1 in 10 practicable for infantry and mountain artillery, ascends about 4,500 ft. in this stage

Route No. 40(b). FROM ADMORA TO LANDOUR.

via DWARAHAT, THE GANGES VALLEY ROAD, AND PUNAP

AUTHORITIES		Names of stages and site of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles.	Total.	
G O C Rohilkhand District, Bareilly	Comr of Kumaon, Almora	BANSKHEET .	13½	13½	See Route 40.
		DWARAHAT	12½	26½	
		WAKAL	1½	28½	
		PHUNAGHAT (LOBHA) p. a. b.	14½	50½	A small village supplies on notice, good water from the Ramganga R., 600 yds from which and below the road is small site for C-G, country hilly and uncultivated, a hill road 7 to 10 ft wide, practicable for infantry and pack animals; in first 7 m to Mahabharat there is a very steep ascent ½ m long
	Deputy Commissioner in Garhwal Poon	DOGADDA 100 x 65 yds.	8	58½	A small village; supplies on notice, good water from a stream on left bank of which and below road is site for C-G, country hilly with cultivation in terraces; road as above but only practicable for mule transport; first 6 m to Dwarahat 1 in 10 up hill, then 2 m down-hill gradient very steep
		SIMLI . .	10	68½	A village, supplies on notice good water from the Pinder R., near which on both sides of the road also on terraces is space for C-G; country cultivated and nearly level, road 7 to 8 ft wide, practicable for infantry and pack animals, a gradual descent, ruling gradient 1 in 12
		CHATWAPIPAL .	7	75½	A village supplies on notice, good water from the Alaknanda R., 300 yds from which and near bridge is small site for C-G, country hilly and uncultivated, road as above
		KOTGA 130 x 100 yds	8	83½	A large village supplies on notice; good water from the Alaknanda R. just below C-G site for which is on both sides of road, country and road as in last stage
		PUNAR (RUDRA PRITAG) p. a.	9	92½	A small village supplies on notice, abundant good water from the Alaknanda R., near which and in a small mango grove N of and below the road, is site for C-G; country and road as before
		DHATISEBA . 200 x 160 yds.	9½	102½	A village; supplies on notice; abundant good water from a stream E of C-G, which is N of and below road country hilly and cultivated in terraces, road 6 to 10 ft wide, passable for infantry
	Comr of Kumaon Almora	SRINAGAR	10½	113½	Country and road as in last stage
		TAKOLI . .	13	126½	
		TEHRI . .	11½	138½	
		KAUBHAGALLA .	11½	150½	See Route 40
DHANAUTI, .		18	168½		
LANDOUR .		13½	182½		
Supt. of Dehra Dun Dehra Dun		Total marches, 16=			
		174½ m			

FROM ALMORA TO LANSDOWNE.

via DWARAHAT, BUNGIOHAR, AND POKHRA.

Description.		Name of place at foot of country or grade.	Distances.		Remarks.
Military.	Civil.		No. of.	Total.	
G. O. C. Bahadur District, Bareilly.	By Commissioner of Kanara, Almora.	DANSKHEET .	18½	18½	See Route 40.
		DWARAHAT .	12½	31½	
		GANAI .	9½	41½	
		DEGHAT .	11½	53½	
		BUNGIOHAR .	9½	63½	A village; supplies on notice; good water from the Nayar R., between the road and which is C.G.; country mountainous, partly cultivated and partly scrub-jungle; road 8 to 10 ft. wide, unmetalled, in fair order and passable for pack animals, with numerous ascents and descents; nullahs crossed by wooden bridges; pass Khera at 2½, Uiyani at 8, Mohar at 9½, Kanera at 14 m., and cross the Nayar R. at end of stage by a wooden bridge.
		BAIJRAO 200 x 200 yds. p.s.	12½	76½	
		POKHRA 300 x 100 yds. p.s.	10	86½	
		SINGLA KOTI 200 x 200 yds.	6	92½	
		CHAUMASKI 200 x 200 yds.	9½	102½	
		TILSIYA .	5	107½	
		LANSDOWNE p.s.	7	114½	
		Total marches, 12 m.		114½	

Route No. 42.

FROM ALMORA TO LOHAGHAT.

Description.		Name of place at foot of country or grade.	Distances.		Remarks.
Military.	Civil.		No. of.	Total.	
G. O. C. Bahadur District, Bareilly.	By Commissioner of Kanara, Almora.	LANGARA 200 x 200 yds. p.s.	10	10	A small village; supplies on notice; good water, for a bath, from a covered spring E. of C.G., and for a well in a water-course near C.G., site for which is an continuation of the stream which village stands on both a foot of the road 60 yds. from C.G.; country mountainous; road unmetalled and rough, passable for infantry and pack animals; ascents and descents gradual; cross the Bhal R. at 2 m. by a suspension bridge.
		MOYERKOTIA 200 x 200 yds. p.s.	6½	16½	
		DILI DHUEA p.s.	10	26½	A village; supplies on notice; good water from 3 springs in vicinity of village, N. of which at 1 m. ½, springs to supply a bath; country and road as above; at 7 m. there is open cultivated ground, where a considerable force could encamp with plenty of water from streams.
		DHUNAGHAT p.s.	10½	37½	
		LOHAGHAT 1000 x 100 yds. p.s.	10½	48½	A village; supplies on notice; good water from the Lohaghat R. and from a covered spring near Lohar, 2 m. to which and near the old N. 1. Pass is C.G.; country and road as before; nullahs crossed by wooden bridges; at 1 m. there is space for 1 bath; to encamp close to the road, where there is water.
		Total marches, 5 m.		48½	

AUXILIARIES		Names of stages and place of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
Chinese Territory		BIRKIA	9	102	A C G with the high cliffs of the Tunja R. on either side; good water, fuel and grass plentiful; the road proceeds along the shingly bed of the Dhaal, crossing the river (always fordable) twice in the first 14 m; it ascends to the crest of the Niti pass (crossed at 8 m.) is easy, but stony. On the N side the table land of Tibet is at once entered upon, no mountainous country intervening as in other passes; road is good, descending gently, and is marked by successive piles of stones (useful when the road is covered with snow, as in the case here very early in the season); at 6 m the Jindu camp is passed, thence the road follows the ravine formed by the Jindu R. to its junction with the Tunja at Birkia. Wild horse, Yak, Ovis Ammon, and other game are found in this neighbourhood.
		NEWKCHANG	8½	200½	Open encamping ground on left bank of the Sakb R., water and fuel plentiful and forage from May to November. Road ascends the sloping bank above the junction of the Tunja and Jindu rivers then lies over a plain for about 8 m., when it crosses a ridge separating the Sakb from a broad ravine then winds along the bed of the river for 2 m. Seven miles down the Sakb, situated among ravines in the village of Dongbu, containing 10 houses and a monastery; a little barley is grown, and there are numerous flocks of sheep and herds of goats.
		TULUNG	11	211½	A C G on left bank of the Daka, water and fuel plentiful and forage from May to November; road crosses the Sakb (bed hard and gravelly, fish in great numbers) on starting, then ascends the right bank, which slopes up to the plain 600 ft. above the river. Over this plain the road lies for 5 m., when it enters a hollow, which gradually widens into a ravine from 200 to 400 yds. broad; at 10 m the dry bed of the Daka is entered. The glare from the snow is so great, both in summer and winter, that the Tartars use cloth to protect the eyes.
		SIBOHILUM	16	227½	A halting place ½ m. below the junction of the Junkum and Chirchum rivers, good water and fuel plentiful also forage from Apr 1 to October; cross the Daka (fordable) on starting. Road shortly afterwards enters on the plain which runs down to the Sulej, this it traverses for 4½ m., and then ascends an easy slope; at the 10th m it descends into rough and ravine ground in which flow the Junkum and Chirchum, a small wooden bridge spans their united waters at Sibohilum.
		KYUNGLUNG	16	243½	A village containing 20 homesteads and many deserted dwellings on right bank of the Sulej; good water fuel, and forage plentiful, large herds and flocks abound, and a little barley is grown; cross the Chirchum on starting by a ford thence the road runs up its right bank and afterwards traverses the plain above for about 2 m., when a ravine nearly a mile broad is reached the Sulej R. is reached in 12 m., road then winds up the left bank for the last ½ m. along the steeply overhanging rock; at 15 m. the Sulej is crossed by a bridge 40 ft. wide; between 1st October and 1st May the river is fordable in many places. From Kyunglung a road leads to Gartok in 6 marches.
		Total marches, 22= 248½ m			
		Crest of Pass		186	There is another route from crest of the Niti pass to Gartok as follows:-
		LUNGI	13	199	A halting place water and fuel plentiful also forage from April to October; road as far as the Jindu or camping ground is the same as that described in stage 18 thence it crosses the Jindu (fordable) and leads over a grassy plain, crossing the Blukah (fordable) at 8 m.
		SUTLEJ RIVER	18	212	Encamp on right bank of the river; ground on left bank confined water plentiful, fuel and forage scarce, the road for 10 m. leads over a level plain; then winds by a well-contrived track through ravines to the river, falling about 1200 ft. in the 8 m., the Sulej (deep and rapid) is spanned by the Dapa bridge, 48 ft. long and 4 ft. wide, constructed of trees brought from British territory.
		CHEKILA	14	226	A halting place after leaving the Sulej the road leads over a grassy plain to Churuba (a little water) and thence over easy sloping hills, from Chekila, Gartok is distant 3 marches.
		Total marches, 20= 226 m.			
		MANA			The other passes leading from Khaman and Garwal to Tibet are—Nana, Milam, Dharma, and Beuns.
		MILAM			10 000 ft. elevation but not rugged open late in summer and close early in autumn.
		DHARMA			High and rugged a bad road; it is a double pass, both the Unladura and Jaintidura have to be crossed.
		BEUNS			High and rugged; the only valleys leading up to it are very pestilential during and after the rains.
					Western pass rugged eastern easy both labour under the same disadvantage in point of jungle fever as that of Dharma, the road follows the Nepal frontier and is commanded by foreign territory.
					The Niti is therefore the best pass, both for Political Military or Commercial purposes it is low, is open early, and closes late its physical difficulties are nil, it leads directly into the plateau of Tibet, it commands the three bridges over the Sulej—Tung Dapa and Kyunglung; all the valleys leading to it are healthy throughout the year and there are capital roads, fit for laden animals, made to it from Hardwar, Nani Tal and Almora.

Route No. 47.
FROM AMRITSAR TO FEROZEPUR.
at GANDA SINGHWALA.

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Activities.		Name of place and size of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Lahore District, Meeran Meer.	Dr. Commr. of Amritsar, Amritsar.	CHAHNIAL 400 x 210 yds. p-o. b.	10	10	A large village; supplies procurable; plentiful good water from a well in the same; C.G. W. of village; country open and well cultivated; road metalled, practicable for all arms; cross a nullah at 1½, a canal at 5, both bridged, pass Kirindki at 7 and Almak at 8½ m.; the Gharinda-Taran road is crossed at the Sanitary Camp 2 m. from C.G.
	Dr. Commr. of Lahore, Lahore.	SUR SINGH 16,700 sq. yds. p-o.	7½	17½	A village; supplies on notice; plentiful good water from a well W. of C.G., site for which is W. of village and E. of road; country as above; road sandy, width about 60 ft.; pass Harpat at 1½ and Duggoban at 4 m.
		ULGAON 49,000 sq. yds. p-o.	8	25½	A small village; supplies must be collected; plentiful good water from wells and a canal near C.G., site for which is E. and S. of village; country and road as above; pass Singpara at 2, cross the Lahore and Haridk road (Route 384) at 3½, and pass Mairi at 6 m.
		KHEMKARN 29,500 sq. yds. p-o.	11½	37½	A large village; supplies on notice; good water from a well S.W. of C.G., which is W. of road, near village; country fairly cultivated, jungle here and there; road as above; pass Chamah at 6½ and Dhure at 8½ m.
		GANDA SINGH- WALA 12,750 sq. yds. p-o. r-o.	7½	45	A small village on right bank of the Sutlej; supplies on notice; plentiful good water from a well on C.G., which is near r-o. W. of village Barj Khurd; country low and well cultivated; road metalled, passable for all arms; pass Bolawal at 4 m.
		FEROZEPUR 410 x 750 yds. p-o. r-o. b.	10½	55½	A cantonment and civil etc.; supplies and water abundant, the latter good from wells in situ, N. of which is C.G.; country open and well cultivated; road metalled and bridged; cross the Sutlej by an iron girder bridge at 6½ m.; practicable for all arms; ferry in the rains.
Dr. Commr. of Ferozepore, Ferozepore.		Total march m. 55½			

Route No. 48.
FROM AMRITSAR TO GUJRANWALA
at EMINABAD.

APPROPRIATION.		Name of place and area of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Lahore District, Meeran Meer.	Dr. Commr. of Amritsar, Amritsar.	CHAHNIAL 400 x 210 yds. p-o.	13	13	A village; supplies procurable; plentiful good water from 2 wells, one in canal water slightly brackish, and the other on C.G., which is S. of village; country level, open and well cultivated; road metalled, but good and practicable for all arms; leave the Grand Trunk Road at 4, pass Malat at 5, Kitha at 8½, cross the Ravi canal at 10½, and the Bari-14 canal at 11½ m., both bridged.
		SIDHANWALA 29,500 sq. yds. p-o.	12½	25½	A village; supplies on notice; plentiful good water from 2 wells on C.G., which is close to village, at the junction of this road with that to Bahadara; country as before; the Ravi here, subject to inundation, is well and generally cultivated, afterwards a large canal and well cultivated and heavy near the river; pass Lohki at 11, Lohki Gupar at 5, and cross the Ravi at 9 m., by ferry of 9 boats carrying 40 tons each.
		MANGAL DERA SINGH 115,500 sq. yds. p-o.	11½	37	A small village; supplies on notice; plentiful good water from wells on and near C.G., which is S.W. of and close to village; country open and cultivated; road metalled, but 60 ft. wide, suitable for all arms; cross the Ravi canal at end of stage.
		EMINABAD p-o. b.	11½	48½	A town; supplies on notice; plentiful good water from wells within 100 yds. of town, from which is extensive site for C.G.; country all cultivated, swampy during the rains; good water in Bahadara is about 2½ m. from the Grand Trunk Road; road metalled in Kamboh, distant 5 m.
		GUJRANWALA	6	54½	See Route 29.
		Total march m. 54½			Country cultivated; road as before; pass Pijhwa at 6 m.

Route No. 49.
FROM AMRITSAR TO GURDASPUR.
at BATALA.

APPROPRIATION.		Name of place and area of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Lahore District, Meeran Meer.	Dr. Commr. of Amritsar, Amritsar.	KATHUNANGAL 2,000 x 200 yds. p-o. r-o. b.	11	11	A village; supplies procurable; good water from a well on C.G., which is E. of village; country level, open and well cultivated; road rough and unmetalled, but suitable for all arms; pass Vairka r-o. at 4½, and cross canal bridge at 11 m.
		BATALA 10,000 sq. yds. p-o. r-o. b.	12½	23½	A large town; supplies abundant; plentiful good water from a well on C.G., site for which is near p-o.; country and road as above; pass Taklarpur at 6½ m.
		BEDHINPUR 75,000 sq. yds. p-o.	9½	33	A small village; supplies on notice; plentiful good water from a well on C.G., which is close to village; country as before; road good and for the most part metalled; pass Kamhal at 2, and cross the Ravi canal at 8½ m.

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore Dist. Mean Meer	By Commr of Lahore, Punjab, Gurdaspur	GURDASPUR 88,800 sq yds p-o 1 & 1-2 b. Total marches, 4= 48½ m.	0½	48½	A large town, supplies and good water abundant, C.G. about 1 m. from r.e., country fairly cultivated, road metalled and bridged, pass Dharwal at 5½ m.

Route No 49(a).
FROM AMRITSAR TO GURDASPUR
via PATHGARH AND KALANAUR.

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Mean Meer.	Deputy Commr-treasr of Gurdaspur, Gurdaspur	PATHGARH p-o DEHRA NANAK 510 x 250 yds p-o b KALANAUR. p-o GURDASPUR Total marches, 4= 48½ m.	1½	16	A small town, supplies and water plentiful, latter from a well about 200 yds from and (for animals) from a tank about ½ m. from C.G., extensive area for wheat in an uncultivated land; country level and cultivated, road unmetalled, but strongly bridged A small town, supplies on notice, plentiful good water from 2 wells about ½ m. from C.G. site for which is 1 m. S. of town, country and road as above, but latter liable to be flooded and braced in 8th, 9th, and 10th m. during rains, pass Kharian at 3, Dogra at 4, Talrandi Ramon at 5, and Shahpur Jagat at 8 m., cross the Ravi R. about 1 m. from Dehra Nanak A small town, supplies and good water plentiful, the latter from a well about 200 yds from camp, water for animals from the Khiran nullah, much waste land available for C.G., 1 m. to N and W of town, country and road as above, but latter liable to be flooded in 8th, 9th, and 7th m. during rains; pass Salluwall at 1, Harwal at 2, Agwan at 3, and Shahpur Gurga at 4 m. See Route 49 Country as above road metalled for 3 m. in sandy parts rest unmetalled, all bridges with the exception of (1) a wooden bridge over the Buchenangle stream at 3½ and (2) a wooden bridge over the Ghazipur stream at 12 m., can bear heavy guns. Banks of above two streams can be ramped and streams forded, pass Nanarwal at 4, Ghosla at 5, Bakhsela at 6, Amnagar at 6, Jaura at 7, Bhokpur at 10, and Nabpur at 14 m.
			11½	26½	
			7½	34½	
			10½	45½	

Route No. 50.
FROM AMRITSAR TO HOSHIARPUR.
via THE GRAND TRUNK ROAD AND KARTARPUR

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Mean Meer	By Commr of Lahore, Punjab, Hoshiarpur Amritsar	JANDIALA BAYA GIRANA KARTARPUR ADAMPUR 168,420 sq yds p-o b HOSHIARPUR 168,780 sq yds p-o. b-s. b. Total marches, 6= 67½ m.	11½	11½	See Route 290 A village, supplies on notice, plentiful good water from wells, one on, and others in vicinity of C.G. which is S. of road and ½ m. S.W. of village, country open level and well cultivated road unmetalled, except last 2 m. A small civil stn. supplies plentiful, abundant good water from wells close to C.G., which is near police lines and about ½ m. S.E. of town; country level, open and well cultivated, road metalled and bridged, except where it crosses sandy torrent beds at 6 m., these are about ½ m. wide, but are always passable except for a few hours during a flood; pass Koyar at 3½ m.
			12	23½	
			0	32½	
			8	40½	
			13	53½	
			19½	62½	
				67½	

Route No. 50(a).
FROM AMRITSAR TO HOSHIARPUR.
via NAHTA

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore Dist. Mean Meer	By Commr of Lahore, Punjab, Amritsar	AKALSAH	13	13	A large village, supplies on notice plentiful good water from wells in village and from a tank's well at side of road, no regular C.G., but plenty of open land available, country level open and well cultivated, road unmetalled, but good and practicable for all arms; cross a canal (bridged) at 6 and pass Nawapura at 8 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dr. Commr. Dy. Commr. of Gurdaspur, of Amritsar, Gurdaspur, Hoshiarpur.	MAHTA . . . p-o. b.	11	24	A large village; supplies on notice; good water from a well in b. compound; land available on notice for C-G.; country and road as in last stage; pass Bhoi at 3½, cross a canal (bridged) at 3½, and pass Ganshampur at 7 m.
		SRIGOVINDPUR . . . p-o.	15	39	A small town; supplies plentiful on notice; abundant good water from wells and the Beas R., on banks of which is extensive site for C-G.; country level and well cultivated except near the town, where it is cut up by ravines; road unmetalled, but bridged; all bridges can bear guns and elephants; cross the Sobraon branch canal at 6, pass Mundiala at 7, Ghurman at 9, and Mubrai at 18 m.
		TANDA . . . 168,840 sq. yds. p-o.	10	49	A large village; supplies and good water plentiful, latter from a well on C-G., which is in rear of police stn.; country level and fertile; road unmetalled varying in breadth from 10 to 70 ft., heavy in rains, bridged and passable for all arms; ferry over the Beas at 1½ m. (8 to 11 boats, each carrying 40 men).
		BULOWAL . . . 174,860 sq. yds. b.	10½	59½	A small village; supplies on notice; plentiful water from a well on C-G., which is near the road; country and road as above, latter crossed frequently by torrent beds, which are, however, dry and passable except for one or two hours after heavy rain.
		HOSHIARPUR . . .	10½	70	See Route 60. Country and road as in last stage.
		Total marches, 6 = 70 m.			

Route No. 50(b).
FROM AMRITSAR TO HOSHIARPUR.
via BATALA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dr. Commr. Deputy Commissioner of Amritsar, Gurdaspur, Hoshiarpur.	KATHUNANGAL . . .	11	11	See Route 49.
		BATALA . . .	12½	23½	
		KANAHWAN . . .	16½	39½	A small town; supplies plentiful; water, brackish but wholesome, for 500 men from 3 wells about ½ m. from probable C-G., and for animals from a nullah close by; plenty of land available near village for encampment; country undulating and sandy; road very sandy up to 9th m. and stony thence to 12th m., but bridged and passable for all arms.
		NOWSHERA GHAT . . . Right bank of the Beas 90,770 sq. yds. p-o.	9	48½	A small village; supplies on notice; plentiful good water from a well on, and (for animals) from an arm of the Beas R. close to C-G., which is near village, liable to be flooded in the rains; country as above; road unmetalled, passable for all arms only in fair weather, but liable to floods during rains; some nullahs unbridged.
		MUKERIAN . . . 160,170 sq. yds. p-o.	5½	53½	A small town; supplies and good water plentiful; C-G. on roadside near town; country level, open and fairly cultivated; road unmetalled, but fairly good and passable for all arms; nullahs unbridged, but only difficult in rains; cross the Beas on starting, by ferry.
		DASUYA . . . 164,860 sq. yds. p-o.	9	62½	A large village; supplies and good water plentiful; C-G. near tehsil; country, road, and nullahs as above; pass Uliapur at 5 m.
		GAREDIWALA . . . 165,000 sq. yds. p-o.	7	69½	A village; supplies and good water plentiful; site for C-G. on roadside near village; country and road as above; pass Mangarh at 4½ m.
		HARIANA . . . 180,640 sq. yds. p-o.	9	78½	A large village; supplies procurable; plentiful good water from a well on C-G., which is about a mile N. of village; country and road as above; pass Bhungah at 5 m.
		HOSHIARPUR . . .	9	87½	See Route 60. Country as above; road unmetalled and much cut up by hill torrents, unsuitable for wheeled traffic.
		Total marches, 9 = 87½ m.			

Route No. 51.
FROM AMRITSAR TO SIALKOT.
via AJNALA AND PASRUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Deputy Commissioner of Amritsar, Amritsar.	RAJASANSI . . . 380 x 800 yds. p-o. t.s. r.s. b.	7	7	A large village; supplies procurable; plentiful good water from a well on C-G., which is S. of and close to village; country level, open and cultivated; road unmetalled, but bridged, and suitable for all arms; pass Kamboh at 4 m.
		AJNALA . . . 870 x 340 yds. p-o. b.	9	16	A large village; supplies procurable; plentiful good water from a well on C-G., which is near village; country subject to inundation in rains; road as before; cross the Bari-Deob canal soon after starting, the Lahore-Gurdaspur road at 2½, and pass Rukhi at 8½ m.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Rawal Pind Dist., Rawal Pind	Deputy Commissioner of Saltol Shikot	RATA 478 x 458 yds p o b	11	27	A small village, supplies on notice, plentiful good water from 2 wells, one on and the other $\frac{1}{2}$ m. N of C.G., which is close to village and near a branch of the Ravi where animals may be watered, country fairly level and open; road, as before, but sandy near the Ravi, crosses the river at 6 $\frac{1}{2}$ m., by ferry
		TATIONH 438 x 420 yds.	8	35	A small village; supplies on notice; plentiful good water from 4 wells in vicinity of C.G., which is E of and about $\frac{1}{2}$ m. from village, country level, open and well cultivated; road as before
		PASRU 89 000 sq yds. p o. t-s b	16	49	A town, supplies plentiful, abundant good water from 4 wells on, and in vicinity of C.G., which is on either side of the Wamrabad Bazar road and close to town; country and road as before, crosses the Dehri nullah at 4 and again at 2 m., by ford, except after heavy rain
		HUDIANA 800 x 370 yds. p o.	61	58 $\frac{1}{2}$	A large village, supplies on notice, plentiful good water from wells in vicinity of C.G., which is about $\frac{1}{2}$ m. W of village and close to road; country as before, road as above, but partly metalled and heavy for artillery when crossing nullah.
		SIALKOT Church 420 x 290 yds p o t-s r-s b	11 $\frac{1}{2}$	68	A large cantonment and civil site, supplies plentiful, abundant good water from wells in vicinity of C.G., which is near E, country as in last stage, road nearly all metalled, suitable for all arms, but heavy for artillery in places, cross the Aik nullah (strongly bridged) at 8 $\frac{1}{2}$ m., and then skirting the town run parallel to the Aik crossing the ry lane
		Total marches, 7 = 68 m.			

Route No 52. FROM ARRAH TO CHAPRA.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District Allahabad	Collector of Shahabad, Arrah	BUDHERA 400 x 160 yds	11	11	A small village, about 3 m. from the Ganges, supplies on notice, good water from a well (diameter 7 $\frac{1}{2}$ ft., depth of water 4 ft.) 100 yds N of C.G., site for which is in a grove by a small village $\frac{1}{2}$ m. S of Budhera; country level, open and well cultivated, road raised, bridged and metalled, sometimes when the Ganges and Sone are in heavy flood, it is impossible, pass Daulatpur at 4, Louhis Phurda at 7, and Kishapur at 9 m.
		CHAPRA 800 x 200 yds p o t-s r-s b	7	18	A small civil site, supplies plentiful, fairly good water for a large number of men from four wells about 10 yds W of camp, and three others close by in the same compound, C.G. about 1 m. W of r-s and kachori; country fairly cultivated, road up to the Ganges is not metalled or bridged, but after crossing it becomes a good metalled and bridged road, raised above high flood level, the river is crossed shortly after its junction with the Gogra, approaches sandy and heavy, the ferry on the right bank is called Bihara Ghat and on the left is L. Telpa Ghat. ten ferry boats are available at Telpa Ghat, each carrying 40 men, during the rainy season the distance from camp to Telpa Ghat is 3 m., in the cold weather it varies from 3 to 5 m., with the course of the river
G O C Allahabad District Allahabad	Collector of Shahabad, Arrah	Total marches, 2 = 18 m.			

Route No. 53. FROM ARRAH TO DEHRI, via GUDHANI, BARRATA, AND NARRIGANJ

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Shahabad, Arrah	GUDHANI 400 x 148 yds. p o. b	18	18	A small village on the left bank of the Banas R; supplies on notice, good water, for 1 $\frac{1}{2}$ batts, from 2 masonry wells (with troughs), one on and one beside the C.G., which is on the R. S. de of the Arrah Sasaram road, 80 yds from the village, country flat and well cultivated, road raised, bridged, and metalled to a width of 18 ft., and in good order; crosses the ry at 1 pass Kusap at 7 and Begwa at 12 m.
		BARATA 220 x 100 yds.	11	24	A small village, supplies on notice; good water, for a batt., from a well N of village and 200 yds E. of C.G., site for which is 180 yds S. of village, on side of road, country as above; road raised, but not metalled.
		BIHTA 32 080 sq yds. p o	7	31	A large village on left bank of the Sone, supplies on notice, good water, for a batt. from a well near C.G., site for which is E of village, on the river bank, country and road as in last stage
		NARRIGANJ, 130 x 120 yds p o.	13	44	A large village near left bank of the Sone, supplies on notice, good water, for a batt., from a well close to C.G., which is in a mango grove near village, country flat and well cultivated, road as above; there is a ferry across the Sone here
		DEHRI	14 $\frac{1}{2}$	58 $\frac{1}{2}$	See Route 266
		Total marches, 5 = 58 $\frac{1}{2}$ m			Country rather low and covered with brushwood, road as above, joins the Grand Trunk Road at end of the march.

Route No. 53(a).
FROM ARRAH TO DEHRI.
via POWNA AND NASRIGANJ.

48

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	POWNA . . .	12	12	A small village; supplies on notice; good water, for 600 men, from a well 200 yds. N. of C-G., site for which is $\frac{1}{2}$ m. S. of village and W. of road; country level, open and cultivated; road raised, bridged, but not metalled; cross the Arrah canal at 6 m. A small village on left bank of the Sone; supplies on notice; good water, for a battn., from a well on C-G., which is close to and N. of village on the river bank; country and road as above. Country and road as before; pass Harpur at 8 m. See Route 53. For other remarks see Route 202.
		SAHAR . . . 280 x 230 yds. p-o. b.	13	25	
		BIHTA . . .	12	37	
		NASRIGANJ . . .	18	50	
		DEHRI . . .	14 $\frac{1}{2}$	64 $\frac{1}{2}$	
		Total marches, 5 = 64 $\frac{1}{2}$ m.			

Route No. 53(b).
FROM ARRAH TO DEHRI.
via BIKRAMGANJ AND SASARAM.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	GUDHANI . . .	13	13	NOTE.—It may be preferable to adopt this route, though longer than any of the others, as it is metalled and bridged. See Route 53. A large village; supplies on notice; good water, for a battn., from a well at corner of C-G., which is at the junction of Piru-Bahe and Sasaram-Arrah roads, just beyond Piru bazar; country cultivated; road raised, metalled, and bridged; pass Berman at 2, Badhara at 3, Sindoh at 4 $\frac{1}{2}$, Mulwar at 7, and Nagri at 8 m. A small village; supplies on notice; good water, for a battn., from 2 wells on C-G., which is W. of and adjoining village; country and road as above; pass Sahajani at 4 $\frac{1}{2}$, Mohni at 7 $\frac{1}{2}$, and Talani at 12 m. A small village; supplies on notice; good water, for a battn., from wells in vicinity of C-G., which is situated $\frac{1}{2}$ m. S.E. of village; country low with scattered jungle; road as above; pass Bahari at 4 $\frac{1}{2}$, Sojhowli at 6, Dhokura at 8, and Susedhi at 9 m.; cross a canal near Nokha by an iron girder bridge. Country low-lying and wooded; road as above; cross the Sone canal at 3, pass Berman at 4 $\frac{1}{2}$, Khurdi at 7, Monkur at 9, and Nundalpur at 11 m. See Route 260.
		PIRU . . . 280 x 240 yds. p-o. b.	11 $\frac{1}{2}$	24 $\frac{1}{2}$	
		BIKRAMGANJ . . . 245 x 240 yds. p-o. b.	12 $\frac{1}{2}$	37 $\frac{1}{2}$	
		NOKHA . . . 250 x 245 yds. p-o. b.	11 $\frac{1}{2}$	49	
		SASARAM . . .	18 $\frac{1}{2}$	63 $\frac{1}{2}$	
		DEHRI . . .	12	74 $\frac{1}{2}$	
		Total marches, 6 = 74 $\frac{1}{2}$ m.			

Route No. 53(c).
FROM ARRAH TO DEHRI.
via UKHGAON AND NASRIGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	UKHGAON . . . 260 x 230 yds.	9 $\frac{1}{2}$	9 $\frac{1}{2}$	A village 1 m. from the left bank of the Sone; supplies on notice; good water, for a battn., from a well S. of C-G., site for which is N. of and near village; country cultivated; a portion of the road is being raised and causewayed, but not metalled. A village on left bank of the Sone; supplies on notice; good water, for a battn., from a well on C-G., site for which is close to and N. of village; country well cultivated; road, a country track, neither metalled nor bridged, runs up the left bank of the Sone; pass Ohilohasi at 3 and Nurpur at 8 m. See Route 53(a). Country and road as in last stage; pass Nonore at 4 m. For other remarks see Route 53(a). See Route 53. For other remarks see Route 202.
		BAGA . . . 200 x 200 yds.	10	19 $\frac{1}{2}$	
		SAHAR . . .	10	29 $\frac{1}{2}$	
		BIHTA . . .	12	41 $\frac{1}{2}$	
		NASRIGANJ . . .	18	54 $\frac{1}{2}$	
		DEHRI . . .	14 $\frac{1}{2}$	69	
		Total marches, 6 = 69 m.			

Route No. 54.
FROM ABRAH TO GAYA.
via NASRIGANJ AND DEONARA.

ADMINISTRATIVE.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. Allahabad District, Allahabad.	Collector of Allahabad.	GUDHANI . . .	13	13	See Route 53.
		SAKRATA . . .	11	24	
		BIHTA . . .	7	31	
		NASRIGANJ . . .	18	49	
		DAUDNAGAR 660 x 300 yds. p-o.	4½	49½	A small town on right bank of the Son R.; supplies on notice; abundant good water from wells in vicinity of C-G, which is about ½ m. W. of police sta. and S. of town; country level, road unmetalled, but raised and bridged, cross the Son R. at 2 m. by ferry (one boat carrying 50 men).
	Collector of Gaya.	DEONARA 300 x 200 yds. p-o.	12	61½	A village on left bank of the Punpun R.; supplies on notice; good water from the river, and from 2 wells ½ m. from C-G, which is on bank of the river; country and road as in last stage.
		KONCH 800 x 200 yds. p-o.	18	79½	A small village; supplies on notice; good water from 2 wells, one on the ground, the other being situated 2 m. E. of the former; C-G. in fields W. of village; country and road as before; cross the Punpun R. on starting, fordable, except during the rainy season, when one boat, carrying 10 men, is available.
		FATEHPUR 400 x 180 yds. p-o.	9	88½	A small village on right bank of the Murhar R.; supplies on notice; water from wells and from the river, on bank of which is C-G; country and road as before; cross the Murhar R. (bridged) at end of stage.
		GAYA . . . 800 x 800 yds. p-o. t-a. r-a. b.	11	99½	A small civil sta.; supplies plentiful; good water from 5 wells in vicinity of C-G, which is N.E. of the Bherghati road; country as above; road metalled, raised, and bridged, cross the Jumna stream half-way.
		Total marches, 9 =		93½ m.	

Route No. 55.
FROM ABRAH TO GHAZIPUR.
via BHOPUR AND BUXAR.

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	GUJRAGANJ 85,800 sq. yds.	9	9	A few huts; Sasaram village close by; supplies on notice; good water from a well (diameter 7 ft., depth of water 7 ft.) on C-G, which is 400 yds. S-W. of village and close to road; country level, open and well cultivated; road unmetalled, but raised, bridged and in good order; pass Chandwa at 2 and Ramnagar at 6 m., latter village is 6½ m. from Bohen r-a.
		MAHARAJGANJ 75,080 sq. yds.	12½	21½	A small village; supplies on notice; good water from a well (with 13 ft. of water) 320 yds. from S-W. corner of C-G, which lies about 1½ m. W. of village by roadside; country and road as above. Raghunathpur r-a is 4 m. distant.
		BHOJPUR 300 x 300 yds.	12½	34	A small village called New Bhojpur; supplies on notice; good water from a well (with 21 ft. of water and a trough) N. of road and opposite C-G, site for which is ½ m. S-W. of village; country level, open, and cultivated; road as above; pass Noman at 7 m. Dumman r-a is 1½ m. S-E. of Bhojpur.
		BUXAR 300 x 200 yds. p-o. t-a. r-a.	10	44	A small civil sta. on the right bank of the Ganges; supplies plentiful; good water from a well (6 ft. of water) N. of C-G, which is in a mango grove 1 m. E. of Buxar, and 2 m. N-E. of r-a; country as above; road raised, metalled, and bridged; pass Old Bhajpur at 1½, Partapsagar at 2½, cross the Bhojwa Nadi at 4½, pass Dehagur at 6½, Bhandi at 7½, and Dummanpur at 8 m.
	Collector of Ghazipur, of Delhi, Komantah.	KATWA (near KORANTADIH) 280 x 180 yds. p-o. t-a.	2	46	A small village; supplies on notice; good water, for a latrine, from a well S-E. of camp; animals can water at the Ganges, which is crossed by a ferry at Katwa, ½ m. S. of C-G, 12 boats available, each carrying 50 men; country well cultivated; road metalled.
		MUHAMMADABAD 85,150 sq. yds. p-o.	12	58	A village; supplies procurable; good water, for a batna, from wells; C-G. in a mango grove S. of village; country flat, open and cultivated; road as above; cross the Oku R. (bridged) at 6 m. at Barhanpur.
		GHAZIPUR . . . 127,610 sq. yds. p-o. t-a. r-a. b.	18½	71½	A small civil sta. and old cantonment on N. bank of the Ganges; steam-boat ferry, supplies plentiful, good water from wells in vicinity of C-G, which is N. of road and the kachari, on the outskirts of the town; country and road as above; pass Jallapur at 6½, cross the Baru R. (bridged) at 8½, and pass Khalipur at 9½ m. Tan Ghat r-a is 1 m. from Ghazipur.
		Total marches, 7 =		71½ m.	

Route No. 56.
FROM ARRAH TO SASARAM.
via JAGDISPUR AND NOKHA.

45

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Arrah District, Almahad.	Collector of Shahabad, Arrah.	GUJRAGANJ	9	9	See Route 55.
		JAGDISPUR 80,000 sq. yds.	12½	21½	A small town; supplies plentiful; good water from a well (1,700 gallons per day) 60 yds. N. of C-G., a site for which is available ½ m. E. of village; country open and well cultivated; road in good order, up to Behen unmetalled, but bridged, thence to Sasaram metalled and bridged; cross the ry. near Behen r-s. There is another road to Jagdispur via Dogurrah, 13 m., Jagdispur 9 m., but not so good, being unmetalled.
		PIRU	10½	32½	
		DIKRANGANJ	12½	45	Country as above; road as in latter part of last stage.
		NOKHA	11½	56½	
		SASARAM	13½	70½	See Route 53(b).
		Total marches, 6 = 70½ m.			For other remarks see Route 207.

Route No. 57.
FROM ATTOCK TO ABBOTTABAD.
via SARAI KALA AND HARIPUR.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		MILES.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commissioner of Rawal Pindi, Rawal Pindi.	HATI	13½	13½	See Route 260.
		ILASAN-ADDAL	13½	27½	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	SARAI KALA	9	36½	Country hilly and partially cultivated; road metalled, bridged, and suitable for all arms; cross a branch of the Harroth R. at 2 m. See Route 4.
		HATAR	6½	43	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	HARIPUR	13½	56½	See Route 3.
		SULTANPUR	12½	70½	
		ABBOTTABAD p-o. t-o. b.	10½	81½		A cantonment and civil stn.; supplies plentiful; abundant good water from a stand-pipe on C-G., extensive site for which is on a plain S. of and close to cantonment.
Total marches, 7 = 81½ m.					

Route No. 57(a).
FROM ATTOCK TO ABBOTTABAD.
via HAZRO AND HARIPUR.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi. G. O. C. Rawal Pindi District, Rawal Pindi. G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Hazara, Rawal Pindi, Rawal Pindi. Deputy Commissioner of Hazara, Rawal Pindi, Rawal Pindi.	From the Fort to HAZRO p-o. t-o.	15	15	A large village; supplies on notice; plentiful good water from several wells in vicinity of C-G., extensive site for which is on cultivated land near village; country level, open and well cultivated; road heavy after leaving the Grand Trunk Road and unsuitable for artillery; pass Shamshabad at 10½ m.
		NIKE SAWAJPIR 700 x 600 yds.	14	29	
		HARIPUR	15	44	A village on right bank of the Harroth; supplies on notice; good water from the river, near which and N-W. of village is site for C-G.; country hilly and partially cultivated; road, a camel track, unmetalled and unsuitable for wheeled transport; pass through ravines and the Gundgarh range by the Shardiha pass.
		SULTANPUR	12½	60½	
		ABBOTTABAD	10½	67	Country undulating and intersected by ravines; road as above; cross the Harroth on starting and again at 8 m. See Route 3.
		Total marches, 5 = 67 m.			

For description of Abbottabad, see Route 67.

Route No. 58.

FROM ATTOK TO CAMPBELLPUR.

AUTHORITIES		Names of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Raval Pind District, Raval Pind	Deputy Commissioner of Raval Pind District, Raval Pind	CAMPBELLPUR p o t s b.	14	14	A small settlement; supplies on notice, plentiful good water from wells about $\frac{1}{2}$ m from C-G, extensive site for which is on the parade ground 8-12 of the site, country at first rocky and barren afterwards fairly cultivated; road hilly; in places leave the Grand Trunk Road at 54 and pass Hayashah at 5 m. There is a bridle road from Attok, which leaves the Grand Trunk Road at 44 m. and running for 14 m. up the stony bed of a nullah comes out on the open Campbellpur plain. By this route 14 m are saved, but the road is not nearly so good.
		Total marches, 1 = 14 m			

Route No. 59

FROM ATTOK TO DEEBAND.

via TORBELA.

AUTHORITIES		Names of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Raval Pind District, Raval Pind	Deputy Commissioner of Raval Pind District, Raval Pind	From the Fort to WAISA	10	10	A village, supplies on notice, plentiful good water from numerous wells some villages, anywhere in vicinity of which is extensive site for C-G, country is good cultivated road, 20 to 6 ft wide, metalled for 3 m. whence, after leaving the Grand Trunk Road it is unmetalled, and very sandy and bare in parts, crosses a nullah (always fordable) at 44 m
		JALALA 850 800 yds	9	19	A village; supplies on notice, plentiful good water from 2 wells near C-G, river is $\frac{1}{2}$ m E of village, country as above, road unmetalled, stony and uneven in parts
		GHAZI p o b	9	28	A small village on left bank of the Indus, supplies on notice, plentiful good water from springs and streams, near which is site for C-G, country at first level, open and well cultivated afterwards hilly and wild as the river is approached, road fairly good unmetalled, 8 to 20 ft wide, passable for laden camels.
		TORBELA	18	46	See Route 6
		DEEBAND	16	62	Country hilly and wild, road, which runs up the left bank of the Indus, is bad; and good though unmetalled, suitable for laden camels, pass Dal Mohat at 6 m., where there is a ferry
		Total marches, 6 = 67 m			See Route 8

Route No. 60.

FROM ATTOK TO EDWARDESABAD.

via CHOL, MAKHAD, KALABAGH AND LAKI

AUTHORITIES		Names of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Raval Pind District, Raval Pind	Deputy Commissioner of Raval Pind District, Raval Pind	From the Fort to HAJISHAH	8	8	A small village at the end of the Attok hills; supplies on notice, plentiful good water from wells near village, close to which is site for C-G, country rocky, uneven and partially cultivated; road metalled and bridged for 64 m., remainder unmetalled, but suitable for all arms throughout.
		CHOI 270 x 200 yds.	12 $\frac{1}{2}$	18 $\frac{1}{2}$	A small village at the foot of the Chita-Pahar, supplies on notice, plentiful good water from a spring 200 yds from C-G which is 2 m E of village; country undulating, hilly, and partly cultivated, road unmetalled, unbridged and unsuitable for artillery, seldom used by troops, join the road from Campbellpur at 94 and cross the Harroli R (fordable, except after heavy rain) at 104 m
		LAMBIDHAN (GANDAKAS) 800 x 200 yds.	11	29 $\frac{1}{2}$	A small near the small village of Gandakas, supplies on notice, good but limited water from a well 8-12 of end close to C-G, which is about 14 m. N of village, country hilly and covered with jungle, road as above, enter the Chita Pahar range (easy gradients) on starting, pass Laki Kahan at 7 m., and enter the Kala Pahar range.
		CHOL	10	41 $\frac{1}{2}$	Country as before to 8 m. afterwards hilly and cultivated, road as above, pass Thak at 54 and Dandi at 9 m. The Raval Pind road joins in near Pind Salsai; See Route 6
		JAND	13 $\frac{1}{2}$	54 $\frac{1}{2}$	Two small villages and a small; supplies on notice, water from wells (very different) and from the Base nullah, on bank of which and 1 m from Ucheri is site for C-G, country barren and rocky, road about 16 ft. wide, good but unmetalled; cross the Kala nullah at end of stage
		UCHERI JABA	7 $\frac{1}{2}$	61 $\frac{1}{2}$	A small village and small; supplies on notice, plentiful good water from 3 wells near, and (for animals) from a nullah $\frac{1}{2}$ m from small, close to which is site for C-G, country slightly hilly, with little cultivation and intersected by ravines, road as above; pass Sham at 64 and cross some low hills at 74 m
		LAKARMAR	13	73 $\frac{1}{2}$	A small town on left bank of the Indus; supplies procurable, good water from the river, about 1 m. from which and E of town is large site for C-G, country stony and intersected by ravines; road unmetalled, but suitable for all arms, winds up and down through the hills, pass Naka at 64 m. A road runs from Makhad direct to Niki distant 18 m., passing Kauri at 64 and crossing the Sohan at 104 m.
		MAKHAD p o.	12 $\frac{1}{2}$	86	A village on the right bank of the Sohan R; supplies on notice, good water from wells and from the river, on right bank of which and W of road is C-G; country barren and full of ravines for first 8 m. afterwards hilly and stony; road unmetalled, sandy in the Makhad ravine afterwards stony, practicable for camels.
		TRAP 300 x 300 yds	12	98	

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. P. F. Force, Abbottabad.	Deputy Commissioner of Rawat, Edvardesabad.	NIKI	9	107	Country barren and full of ravines; road unmetalled, but practicable for camels; cross the Sohan (fordable except after heavy rain) on starting and a branch of the same river at 6 m. See Route 4.
		MARI	17	124	
		KALABAGH . .	3	127	
		KANARMASHANI.	14½	141½	
		ISAKHEL . . .	14	155½	
		DARRA TANG . .	8	163½	
		LAKI	16½	179½	
		NAURANG SARAI.	15	194½	
		EDWARDESABAD.	16	210½	
		Total marches, 18 = 210½ m.			

Route No. 61.
FROM ATTOCK TO KOHAT.
via NILAB GASHA.

AUTHORITIES.		Name of stages and size of encamping ground.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. P. F. Force, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	DARWAZAI . . .	7	7	A halting place; supplies on notice; good water from wells and from the Indus, on bank of which and near road is site for C-G.; country undulating and hilly; road, 80 ft. wide, metalled, bridged and suitable for all arms; cross the Indus just under Attock, by bridge-of-boats in dry season, by ferry in rains.
		NIZAMPUR . . . 115,900 sq. yds.	12	19	A small village; supplies on notice; plentiful good water from springs close by, and a well opposite to b., near which is C-G.; country as above; road unmetalled, suitable for all arms, but impassable after heavy rains; pass Kahi at 8 m.
		LAKH TALAO . .	14	33	A tank in the Zelura valley; supplies on notice; good water, for a battn., from ravines, and (for animals) from the tank, near which is extensive site for C-G.; country as before; road as above, but difficult for laden camels; cross the Faleoi pass in 4 and the Nilab Gasha at 5 m.
		JABAR	12½	45½	A large village; supplies on notice; plentiful good water from a large tank, and from a stream close to C-G., extensive site for which is near village; country undulating and sparsely cultivated; road unmetalled, but fit for baggage animals, and for light wheeled traffic in fine weather.
		GUMBAT	12	57½	Country and road as above; join the Abbottabad-Kohat road at 6 m. See Route 5.
		KOHAT	15	72½	
		Total marches, 6 = 72½ m.			

Route No. 62.
FROM AURANGABAD TO GAYA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Gaya, Gaya.	RAFIGANJ . . . 800 x 160 yds. p-o. b.	17	17	A small town; supplies on notice; good water, for 2 battns., from 4 wells on C-G., which is 60 yds. S. of town on right bank of the Dhawa R. and W. of b.; water also from the river; country level and partly cultivated; road raised, partially bridged, but unmetalled; cross the Adri R. (bridged), the Madar and Dhawa (unbridged), fordable except after heavy rain. A small village; supplies on notice; good water, for 2,000 men, from a well near police out-post and 123 yds. N. of C-G., which is in a mango grove, on right bank of the Murhar R.; water also from the river; country and road as above; cross a nullah, bridged, and the Murhar R. at the end of the march, fordable except after heavy rain; no boats available, but rafts, carrying 6 persons each, are used in the rains. See Route 54. Country and road as above; at 5½ m. the Jomna stream is crossed, fordable in the dry season, in the rains rafts, carrying six persons each, are stationed at the crossing.
		PARAYA (PARA) 300 x 200 yds. p-o. b.	14	31	
		GAYA	11	42	
		Total marches, 3 = 42 m.			

Route No. 63 FROM AZAMGARH TO CHAPRA. via DARAUJI

AUTHORITY		Names of places and size of occupying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O G Allahabad District, Allahabad	Collector of Azamgarh	AZIMATGARH 260 x 160 yds	13	13	A moderate sized place, supplies on notice, good water, for 2 battns from well on and (for animals) from a large tank 100 yds N of C G which is ½ m. E. of village; country open and fairly cultivated, road unmetalled in good condition
		GHOZI 200 x 160 yds. p-o.	13	26	A small town, supplies plentiful, abundant good water from a well on C-G, which is ½ m. E. of village, animals water from a tank 70 yds square, country very swampy, road as above, cross the Gogra R. at ¼ m. S. of village, in rainy season, a ferry in the rains, 1 boat carrying 60 men, others procurable on notice.
		BEINPURA	15	41	A small village, supplies on notice, water, for 2 battns, from a good well C-G 8 E of village; country open and well cultivated, road unmetalled, in fair order during dry weather, impassable in the rains
	Collector of Ballia, Karamnatha	NAGRA p-o.	8	49	A small town, supplies on notice, good water, for a battn, from wells, and (for animals) from a tank all within 100 yds. S. of C-G which is ½ m. E. of town, country open and fairly cultivated, a tolerably good but unmetalled road
		SIKANDARPUR p-o	18	67	A small town, supplies on notice, good water for ½ battn, from 2 wells on C-G, which lies ½ m. S W of town, country and road as above
	Collector of Saran, Chapra	DARAUJI 24,490 sq yds. p-o b	64	692	N.B.—Salient land adjoining the last three very small C-Gs to make up any large area required, is reported to be available on notice being given and compensation paid
		RAGHUNATHIPUR 84,140 sq yds p-o	11	703	A moderate-sized place on the left bank of the Gogra, supplies on notice, good water from 2 wells on C-G, site for which is ½ E. of town, country as above, road unmetalled but bridged and raised, cross the Gogra at ½ m. by a ferry, 3 boats carrying 46 men each and others procurable on notice
		SISAWAN 62,000 sq yds p-o.	9	893	A small village, supplies must be collected, good water, but limited, from a well 130 yds E. of C-G, which adjoins the village; country level, and fairly cultivated; road unmetalled, but good in dry weather, cross the Jurahee after starting, by a bridge in the dry season, ferry in the rains, 1 boat carrying 70 men, others procurable on notice, pass Fatur at ½ m. and Lunkapur at ½ m.
		MANJHI p-o.	14	1027	A small town near the left bank of the Gogra, supplies on notice, good water from 2 wells for 300 men, C-G by roadside, 600 yds N of town, country as above, road unmetalled, good in dry weather, pass Gabbar at 4 m.
		CHAPRA	11	1138	A small town on the left bank of the Gogra, supplies plentiful good water, for a battn from a well 200 yds N. of the river, C-G in 3 small strips ½ m. N. of police station, country and road as above, pass Bohampur at ½ m., Khatyati at ½ m. and cross the Doba (or Sundi) at ½ m., fordable except after heavy rain, 1 boat carrying 60 men available
		Total marches, 10 = 113½ m.			See Route 62 Country and road as above; pass Revilganj at 6½ m

Route No. 64 FROM AZAMGARH TO GHAZIPUR

AUTHORITY		Names of places and size of occupying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O G Allahabad District, Allahabad	Collector of Azamgarh	JAHANGANG 800 x 180 yds. p-o	0½	0½	A large village; supplies on notice, good water was obtained, in 1864 by digging temporary well, site for C-G S-W of road, ½ m. S. of village, country level, open and cultivated, road raised, metalled and bridged; cross the Jurahee on starting, and the road to Mau, S. of the bridge, pass Ranpur at ½ m.
		SARSENA 300 x 200 yds b.	10½	20½	A small village about ½ m. W of road, supplies on notice, good water, for a battn, from a well and tank, both within 400 yds of C-G, which is on road side ½ m. N E of village; country and road as above, pass Olurakote (p-o) at ½ m.
		BIRNU 21,000 sq yds p-o. b	12½	33½	A village, supplies on notice; good water, for a battn from 2 wells, and (for animals) from 2 tanks near C-G site for which is ½ m. S-E. of village; country and road as before; pass Jalalabad (p-o) at 8 m.
		GHAZIPUR	10½	44	See Route 65 Country and road as above, cross the Mangai at 4 and the Basu at ½ m., there is a short cut, by an unmetalled road into Ghazipur at 8 m
	Collector of Ghazipur	Total marches, 4 = 46 m.			

Route No 65 FROM AZAMGARH TO GORAKHPUR. via DEORHI GHAT

AUTHORITY		Names of places and size of occupying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O G Allahabad District, Allahabad	Collector of Azamgarh	JIWANPUR 600 x 400 yds.	13	13	A small village; supplies on notice, good water, for a battn, from a well on, and also from two tanks in vicinity of C-G which is N E of village; country level open and fairly cultivated; road raised, metalled and bridged; cross the Sakani at ½ m. the Kail at ½ m. pass Jaispur at 8 and near Bogdi at 10 m. There is a metalled road from Jaispur to Ghosi on the Ghazipur Gorakhpur road and an unmetalled one to Kailas on the Fyzabad Azamgarh road.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Azamgarh, Azamgarh.	DHANAULI 780 x 360 yds. b.	14	26	A small village; plentiful good water from 4 wells on C-G., which is in a mango grove, $\frac{1}{2}$ m. S. of Deorhi village (p-o. t-s.) on S. bank of the Gogra R., whence supplies are procurable; country well cultivated; road as above; cross the Sarja at 6 m.; a metalled road runs from Dhanauli to Ghazipur, distance about 47 m.
		BARHALGANJ 895 x 395 yds. p-o. t-s.	2 $\frac{1}{2}$	28 $\frac{1}{2}$	A fair-sized town on left bank of the Gogra; supplies procurable; abundant good water from the river and a well on C-G., which is W. of road, shady and level; country fertile; road as above; cross the Gogra at 2 m. by boats (each carrying 500 mds.); two roads, one leading E. to Bura, and the other W. to Gola, branch off from Barhalganj.
		GAGAHA 360 x 380 yds. p-o. t-s.	11 $\frac{1}{2}$	39 $\frac{1}{2}$	A village; supplies procurable; water, of doubtful quality, but sufficient for 1,000 men and 600 animals, from a well on C-G., which is W. of road; country and road as in last stage; cross the Taraina nullah at 5 m., and pass Mondhn, a good-sized village, just before reaching camp.
		BELIPAE 395 x 370 yds. p-o.	11 $\frac{1}{2}$	51 $\frac{1}{2}$	A village; supplies procurable; water fair, sufficient for 1,000 men and 500 animals from a well and tank W. of C-G., which is on both sides of road, good and shady; country and road as above; nullahs strongly bridged; cross the Ami R. at 8 m.
		GORAKHPUR 780 x 430 yds. p-o. t-s. r-s. b.	12 $\frac{1}{2}$	64	A small cantonment and civil sta., the hd-qrs. of the B. and N-W. Ry.; supplies abundant; plentiful good water from 2 wells on C-G., which is near r-s.; country, road and nullahs as before; cross the Rapti R. at 8 m., by a pontoon bridge fit for all arms. The cantonments are to S-E. of the town, on high ground, below which is Ramgarh Tal, a shallow lake, 6 m. long and 3 m. broad.
G. O. C. Oudh District, Lucknow.		Total marches, 6 = 64 m.			

Route No. 66.
FROM AZAMGARH TO SULTANPUR.
via MAHUL AND SIRHURPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Azamgarh, Azamgarh.	NIZAMABAD 280 x 120 yds. p-o.	9	9	A large village; supplies on notice; plentiful good water from a well on S-W. border of C-G., site for which is 700 yds. S. of village by roadside; animals water at the Tansa E., $\frac{1}{2}$ m. N. of road; country level, open and well cultivated; road raised, metalled and bridged; cross the Tansa (bridged) near Azamgarh, and again, just before reaching camp, by one boat (carrying 30 men) in the cold season, and by two boats in the rains.
		MAHUL 21,176 sq. yds.	16	25	A village; supplies procurable; plentiful good water from 2 wells on C-G., site for which is $\frac{1}{2}$ m. E. of village and on both sides of road; country and road as above; pass Byrar at $5\frac{1}{2}$, Andya at 9, cross the Khar R. (bridged) at 11, and pass Jhukha at 13 m.
		POWAI. 88,268 sq. yds.	7	32	A village; supplies on notice; good water, for a battn., from a well on C-G., which is $\frac{1}{2}$ m. N. of village; country and road as above.
		SIRHURPUR 47,260 sq. yds.	8	40	A village; supplies procurable; good water, for a battn., from wells S-W. of C-G., which is E. of road and near village; country cultivated; road unmetalled, but raised, bridged and practicable for all arms; pass Bilwai at 3, Dhalars at 6 m., and cross the Majhoi stream (permanently bridged) near Sirhurpur.
		DOSTPUR 450 x 800 yds. p-o.	14	54	A large village; supplies procurable; abundant good water from a masonry well and a large tank; C-G. near village on both sides of road; country as before, raviny near the Majhoi R.; road narrow and winding, mostly unmetalled, and nullahs only partially bridged, practicable for all arms, except at the Majhoi R. (9 m.), the temporary bridge over which will not bear guns; this river is fordable in the dry weather, hard clay bottom and about 3 ft. water; during the rains there is a boat carrying 25 persons; pass Dhourwa to the S. at 4 and Modhpur at 11 m.
		GOWRA (IMLAK) 400 x 300 yds.	18	67	A small village; supplies procurable; abundant good water from a well N-E. of and from a small stream and tank close by C-G., which is S. of road and village; country fairly cultivated; road unmetalled, but practicable for all arms; pass Dhame at 7 and Kutra at 10 m.
		SULTANPUR	18	85	See Route 31.
		Total marches, 7 = 86 m.			Country as in last stage; road for first 13 m. as above, till it reaches the Allahabad-Fyzabad road, when it is raised, metalled and bridged; cross the Gumti by a wooden pile bridge and the Jamwar nullah by a permanent iron bridge, towards end of march; pass Saifullaganj at 11 and Sultanpur at 18 m.
G. O. C. Oudh District, Lucknow.					
Deputy Commissioner of Sultanpur, Sultanpur.	Dr. Commr., Fyzabad, Fyzabad.				

Route No. 67. FROM BAH TO SHIKOHABAD.

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Frontier Force, Abbottabad	Collector of Manspur, Mandpur.	SHIKOHABAD	17	17	See Route 16
		Total marches, 1 = 17 m			Road unmetalled, but in fair order for carts for first 6 m, at which point the road to Batesar is left and the one to W is taken which is heavy for wheeled traffic, reach the Jumna ferry (3 boats each carrying 40 men) at 7½ m; on N bank of the river the road is heavy and ascends steeply for 2 m, after that level

Route No. 68. FROM BAHADUR KHEL TO THULL.

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad	Deputy Commissioner of Kohat, Kohat	BAHADUR KHEL 660 x 660 yds.	"		NOTE—This route throughout is unbridged and unmetalled, average width as far as Gurgari 5 ft., passable for cavalry, and mountain artillery; no protection on either side of road in Manzallai range A military post, about 1 m. from the village (with fort) of that name and 1½ m. N of the tunnel on the Kohat Edwardesabad road; road from tunnel only a bridle path which crosses a deep ravine, but is in good order a good C-G all round the post, supplies must be collected; water from a well in post and from a stream and small springs adjacent, it is in all cases somewhat brackish, but that from springs and streams is less so than that from the well.
		GURGARI	16	16	
		THULL 400 x 280 yds p-o. 1-2 b	15½	31½	A large village, supplies must be collected, water from a stream near village, can also be obtained by digging shallow wells near the stream but all water is slightly brackish, any amount of waste land available for C-G, country barren, hilly but fairly level for first few miles and then the Manzallai range is crossed, road a bridle path, fairly good, but ascent to and descent from Manzallai range is steep, having a ruling gradient of about 1 in 10, there is very little water on route only one or two springs after rain
		Total marches, 3 = 31½ m			A military frontier post, about 1 m. before reaching village, supplies must be collected; good water from a well just outside the fort, and the Songraha stream, on right bank of which a C-G, country for first 8½ m undulating and fairly cultivated after that hilly, road in fair order, passing Balan village in 10th m, where there is good drinking water from wells, in 11th m the main Kohat-Thull road is reached and route then lies along the latter

Route No. 69. FROM BAHRAICH TO BHAGORA TAL, on the Nepal Frontier.

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow	Deputy Commissioner of Bahraich, Bahraich.	SUNWA 22 616 sq yds	12	12	A village, supplies procurable, plentiful good water from 3 wells on C-G, site for which is W of road; country cultivated and well wooded; road unmetalled and partially bridged, unfit for artillery during the rains, pass Wazirpur at 5 and Pursowra at 6 m
		BHINGA 63 720 sq yds p-o b.	12	24	A town on left bank of the Rapti; supplies procurable, good water from 3 wells on C-G, which is S of road; country and road as in last stage, cross the Babula, bridged, at 4 and the Rapti at 9 m, latter fordable in the dry season, a ferry (3 boats, each carrying 60 men) during the rains
		BHAGORA TAL 21 000 sq yds	10	34	A small village near the Nepal boundary; supplies procurable; water for 700 men, but unwholesome, site suitable for C-G, country forest, but cultivated near end of stage, road unmetalled heavy during the rains; cross the Kahan stream at 10 m fordable, and a temporary bridge in the dry season, a ferry during the rains
		Total marches, 3 = 34 m			

Route No. 70. FROM BAHRAICH TO PADNAHA, on the Nepal Frontier via NANPANA AND BANKI

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow	Dy. Commr of Bahraich, Bahraich	KISHANPUR 69,000 sq. yds.	11½	11½	A village, supplies procurable good water, for 500 men from 3 wells on and (for animals) from Soti Nadi 2 m from C-G, which is W of road, and near village, country cultivated and wooded, road unmetalled, but raised and bedded for first 8 m, passable for all arms except the last 8½ m, which are unfit for artillery in the rains, cross the Soti at 2, and again at 8 m
		NANPANA 67 600 sq yds p-o. 1-2 m-2 b	11	22½	A small town, supplies abundant, plentiful good water from 3 wells on C-G which is E of road and near town, country as before, road unmetalled, heavy and unfit for wheeled traffic during the rains, cross the Dhanoli (strongly bridged) at 7 m
		BABAGANJ 65 656 sq yds. p-o 1-2 m-2	8	30½	A village, supplies procurable, good water, for a batta, from 3 wells on C-G which is W of road water for animals from a tank, country as before, road unmetalled, very heavy and unfit for artillery in the rains.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Ouda District, Lucknow.	Resident in Nepal, Kaimunda.	BANKI 83,000 sq. yds.	9	39½	A large village; supplies procurable; brackish water from 3 wells on C-G., which is S. of village; animals can be watered at tanks; country and road as above.
		MYNAPOKER 10,000 sq. yds.	14	53½	A village; supplies procurable; water brackish; animals can be watered at a nullah E. of C-G., site for which is in a grove of trees; country cultivated; road as above, in good order.
		PADNAHA 34,000 sq. yds.	14	67½	A village 3 m. E. of the Sarje or Babbar R.; supplies procurable; water plentiful, but brackish; country and road as above.
		Total marches, 6 = 67½ m.			

Route No. 71.
FROM BAIHRAICH TO SITKA GHAT, in Nepal.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Ouda District, Lucknow.	Dy. Commr. of Bahraich, Bahraich.	KISHANPUR	11½	11½	See Route 70.
		NANPARA	11	22½	
		BABAGANJ	8	30½	
		BANKI	9	39½	
		GUNDIN (ODHUN).	11	50½	A village; supplies scarce; water plentiful from a tank, but unwholesome; small site for C-G. near village; country partially covered with jungle; road fair; cross the Rapti (fordable except after heavy rain) at Siddhanna Ghat.
		SITKA (SUKTA GHAT). 18,000 sq. yds. Total marches, 6 = 63 m.	11½	62	

Route No. 72.
FROM BAIHRAICH TO TULSI PUR.
via KAUANA AND BALRAIPUR.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Ouda District, Lucknow.	Dy. Commr. of Bahraich, Bahraich.	TILAKPUR	12	12	A village; supplies procurable; good water, for a bottle, from a well on, and (for animals) from a jhel ½ m. from C-G., site for which is N. of road; country cultivated and wooded; road unmetalled, but partially raised and bridged, unfit for artillery during the rains; pass Shoparah at 5 m.
		KAUNA 62,800 sq. yds. p.o. r.s.	12	24	A small town; supplies procurable; abundant good water from wells, and (for animals) from sheet near C-G., which is close to village; country and road as in last stage; pass Mullanwan at 3, and Pannara at 6 m.
		GHUHALPUR 63,000 sq. yds.	7	31	A village; supplies procurable; limited quantity of water from wells in village; C-G. N. of road; country and road as before, but liable to inundation during the rains.
		BALRAIPUR 126,000 sq. yds. p.o. l-r. r.s.	7	38	A large town; supplies abundant; plentiful good water from 2 wells on C-G., which is S. of road, and 4 m. from the Soman stream, where animals might be watered; country and road as before.
		MIRZAPUR 26,500 sq. yds.	7½	45½	A village; supplies procurable; abundant good water from wells and a nullah, ½ m. from which, on roadside ½ m. from village, is site for C-G.; country as before; road as above for first 3½ m. thence neither metalled nor bridged, and difficult for wheeled traffic in the rains; cross the Rapti at 3½ m., by bridge-of-boats (unsuitable for artillery) or by ford in dry season, by ferry in the rains.
		TULSI PUR 23,000 sq. yds. p.o. r.s. Total marches, 6 = 63 m.	10½	56	A large town; supplies abundant; plentiful good water from wells and ponds in vicinity of C-G., site for which is 4 m. S-W. of town; country cultivated; road as above; cross the Barhi Rapti (fordable in all seasons) at 3½ m., by bridge which is unsuitable for artillery.

Route No. 73.
FROM BAIDYANATH-DEOGHUR TO PIRPAINTI.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dy. Commr. of Santal Parganas, Dumka.	CHOPAN 600 x 400 yds.	6	6	A village; no supplies; limited quantity of indifferent water from wells and irrigation reservoir in vicinity of C-G., which is E. of village; country as above; a range of hills runs parallel to the road, about 1 m. S.; road metalled for first 5 m., thence unmetalled, partly bridged, parable for all arms in dry weather.
		NAYAKORA 600 x 400 yds.	11	17	A small village; no supplies; indifferent water (amount depending on rainfall) from wells in fields, and (for animals) from a tank; C-G. 200 yds. W. of road; country as before; road unmetalled, partly bridged, fit for all arms in the dry season.

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southal Parganas, Dumka.	SAREYA 200 x 300 yds.	11	28	A small village; supplies on notice; plentiful good water from a well and tank in vicinity of C-G, which is W. of village; country and road as in last stage.
		HASDIHA 200 x 200 yds.	8	36	A village; supplies on notice; abundant good water from a well S of C-G, which is on the Dumka road; country and road as before. Nantat (p-a) is 8½ m. S.
		PUREYA 300 x 300 yds.	9	45	A small village; supplies on notice; plentiful good water from the Sukhri stream, except in hot weather; indifferent water from wells, C-G N. of village on bank of stream; country and road as before; the Sukhri stream is fordable except when in flood.
		GODDA 160 x 150 yds.	11	56	A town; abundant supplies; good water from the Kajla, on left bank of which and N-E. of town, is site for C-G; country and road as before.
		PATHARGAMA p-a	9	65	A small village; no supplies; water from wells in village and from the Sundar stream, on S. bank of which, and 1 m. N. of village, is extensive site for C-G; country and road as before, the Kajai stream, fordable except when in flood, is crossed on leaving Godda.
		SIMHA b	8	73	A small village; supplies obtainable with difficulty and delay, indifferent water from 8 tanks on C-G, large site for which is on roadside, S. of village, country and road as before; the Sundar stream, fordable except when in flood, is crossed on starting.
		PARTABPUR	8	81	A village; supplies on notice; water scarce and of indifferent quality from wells in village and a tank, near which latter is site for a large C-G, country and road as before.
		PERONEPUR- BILAGARPUR (BARAHAT) p-a	7	88	A village; supplies on notice; good water from wells; extensive site for C-G E. of village, country and road as before; the Dhulla R. is crossed <i>en route</i> , fordable in dry season, a ferry in the rains.
		PIRPAINTI (or SEARMARL) p-a. t-a. r-a. b	8	96	A village, supplies procurable; good water from wells and a tank; C-G, anywhere in vicinity of village; country and road as before.
		Total marches, 11 = 96 m			

Route No. 74.
FROM BAIDYANATH-DEOGHUR TO RAMPUR-HAT.

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southal Parganas, Dumka.	CHOPAN	6	6	See Route 73
		NAWADIH	11	17	A small village; supplies on notice; abundant good water from a stream; site for large encampment W. of village; country open and cultivated, road metalled and bridged, fit for all arms.
		SILINDA	9	26	A small village; supplies scarce, indifferent water from a tank near village, but good water is always procurable from the More R., 2 m. N. of C-G, large site for which is N. of village; country and road as in last stage.
		DUMKA 10,000 sq. yds.	8	34	A small civil stn., hd-qrs. of the Southal Parganas; supplies abundant, good water from tanks and wells in vicinity of C-G, site for which is E. of road; country and road as before.
		PATABARI	9	43	A small village; supplies from Dumka; good but limited water from a spring; large site for C-G, E. of village; country and road as before.
		SHIKARIPARA b	8	51	A small village, supplies on notice; good but limited water from a well in h. compound, and (for animals) from a tank, large site for C-G E. of village; country and road as before.
		HAEIPUR	10	61	A large village; supplies on notice; plentiful good water from a stream and well; C-G anywhere round village; country and road as before.
		RAMPUR-HAT p-a. t-a. r-a. b.	11	72	A large village; supplies on notice; abundant good water from the Chaidans tank close to which exists an excellent site for C-G; country and road as before.
		Total marches, 8 = 72 m			

Route No. 75.
FROM BALASORE TO CUTTACK.
via SORO AND BHADRAK.

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Balasore.	KANTAPARA 17,500 sq. yds.	11	11	A large village; supplies on notice; unlimited good water from tanks, site for C-G in a mango grove, near road; country low-lying; road 24 ft. wide, level and metalled; all nullahs bridged with masonry, fit for artillery; pass Shergah, a large village, at 8 m.
		SORO p-a. b.	11	22	A large village, supplies procurable; abundant good water from tanks and wells; site for C-G close to road, on open waste land; country, road and bridges as in last stage; pass Bahmagat at 5 and Beda Bazar at 7 m.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Dalsore, Dalsore.	SIMILIA 16,000 sq. yds.	18	35	A small village; no supplies; abundant good water from tanks; a site for C-G. in a mango grove and also on some open waste land near road; country, road and bridges as above; pass Talnagar at 4 and Markona at 10 m., where there is a small b.
		RHADRAK (NTA BAZAR) 185 x 165 yds. p-o. t-a.	8	43	A large village and civil sub-division; abundant supplies; water from the Salandi R., also from a large well in the Court House compound; site for C-G. by the side of the Kanghali tank close to road; country as above; road 20 ft. wide, metalled and bridged, fit for artillery; the Salandi R. is fordable except during the rains, when a ferry-boat, carrying 30 men, plies.
		BARIKPUR 230 x 100 yds. 100 x 100 yds.	7	50	A small village; supplies on notice; unlimited good water from tanks and several large wells between the two sites for C-G., which are on waste land close to the road; country, road and bridges as above.
		AKHOYAPADA 200 x 200 yds. p-o. t-a.	10	60	A small village on the Baitarni R.; supplies on notice; plentiful good water from the river, on waste land close to which is C-G., but after heavy flood is liable to inundation; country, road and bridges as above; pass Uttarhar at 8½ and Shampur at 7 m.
		KHANDITAR b.	8	68	A small village; supplies on notice; good water from the Kurua R.; limited site for C-G. near village; country and road as above; all streams have masonry bridges capable of bearing artillery; the Baitarni is crossed on starting, and the Kurua R. at end of stage, both fordable, except in rains, when one boat carrying 50 men plies across each river.
	Collector of Cuttack, Cuttack.	DHARMASHALA 200 x 200 yds. p-o. t-a.	6	74	A small village; few supplies; plentiful good water from numerous wells; C-G. near village; country, road and bridges as in last stage; cross the Brahmani R. fordable except during the rains, when a boat, carrying 50 men, plies.
		BARCHANA p-o. b.	8	82	A village; few supplies; abundant good water from numerous wells; limited site for C-G. in b. compound; country, road and bridges as before.
		TANGHI p-o. b.	12	94	A village; supplies on notice; abundant good water from numerous wells round the two small sites for C-G., which are (i) N. of road by Ramgarh village, and (ii) S. of road close to Kairapuri; country, road and bridges as above.
		CHASAPARA 300 x 300 yds.	8	102	A village on N. bank of the Mahanadi; supplies on notice; good water from the river; C-G. S. of road; country, road and bridges as before.
		CUTTACK 400 x 300 yds. p-o. t-a. b.	3	105	A small cantonment and civil sta.; plentiful good water; encamp on the parade ground; country, road and bridges as above; cross the Mahanadi on starting, by ford, except during the rains, when 2 boats, each carrying 25 men, ply. For a road from Cuttack to Sambalpur, see Bombay Route Book No. 261.
		Total marches, 12 = 165 m.			

Route No. 76.
FROM BANDA TO ETAWAH.
via JALALPUR AND KALPI

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Collector of Hamirpur, Hamirpur.	SISOLAR 270 x 270 yds. p-o.	15	16	A village; supplies on notice; abundant good water from 2 wells on C-G., which is E. of and near village; country flat and open with partial cultivation; road only metalled as far as the Kane, crossed at about 6 m., by ford in dry season, by ferry (1 boat carrying 20 men) in the rains; nullahs bridged.
		MAUDHA 70,000 sq. yds. p-o.	9	21	A large village; supplies abundant; good water from a well on the ground, and many others in the village, N. of which is C-G.; country as above; road unmetalled, but good; cross the Chandrawal (fordable in dry weather) about half-way, would be difficult in the rains.
		BEWAR 320 x 320 yds. p-o.	13	37	A village; supplies on notice; good water, for 3 battas, from wells in village, near which and N. of road is C-G.; country open and cultivated; road unmetalled, but raised and bridged.
		JALALPUR 400 x 400 yds. p-o.	12	40	A large village on right bank of the Betwa; supplies abundant; plentiful good water from the river, on a hill, 1 m. from which is C-G. and a well; country as above; road unmetalled, but good; cross the Betwa half-way, by ford in dry season, by ferry (2 small boats) in the rains.
		ITAURA 60,000 sq. yds. p-o.	18	62	A village; supplies on notice; abundant good water from a well near C-G., which is ½ m. W. of village; country as above; road an ordinary cart track, in parts scarcely defined; cross the Betwa on starting, by ford in dry season, by ferry (2 boats, each carrying 30 men) in the rains.
	Collector of Etawah, Etawah.	KALPI 400 x 300 yds. p-o. t-a. r-a. b.	7	69	A town on right bank of the Jumna; supplies abundant; plentiful good water from a well on C-G., which is on the Orni road and about 1 m. from the river; country and road as above, latter difficult after rain.
		BHOGNIPUR	7½	76½	Country as above; road metalled and good; cross the Jumna on starting, by pontoon bridge (will bear guns) in dry season, by ferry (6 large boats) in the rains.
		SHAHJAHANPUR	8	84½	
		SIKANDRA	10	94½	
		AUBAIYA	10½	105½	See Route 30.
		AJITMAL	14	119½	
		BAKEWAR	12½	131½	
		ETAWAH	14½	145½	For other remarks, see Route 15.
Total marches, 13 =					
145½ m.					

Route No. 77.
FROM BANDA TO FATEHGARH.
 via JALALPUR AND RASULABAD.

AUTHORITY		Name of place and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Bundelkhand District, Agra.	Collector of Jalaun, Oran.	SISOLAR . . .	16	16	
		MAUDHA . . .	8	24	
		BEWAR . . .	13	37	
		JALALPUR . . .	13	49	
		ITANURA . . .	13	62	See Route 76.
	Collector of Cawnpore, Cawnpore.	KALPI . . .	7	69	
		BHOGNIPUR . . .	7½	76½	For other remarks, see Route 30.
		SHAHJAHANPUR . . .	8	84½	See Route 30
		SIKANDRA . . .	10	94½	
		MANGALPUR 125,840 sq yds p-o	9½	103½	A large village, supplies procurable, abundant good water from a well on roadside; C-G W of road; country at first well cultivated, afterwards raviny and barren road unmetalled and unbridged, generally 20 ft wide, difficult for wheeled traffic in the rains, cross the Sagar Nadi at 6, by ford in dry season, by ferry (1 boat carrying 50 men) in the rains, and pass Bahulpur at 6½ m.
G. O. C. Oudh District, Lucknow.	Collector of Farrukhabad, Farrukhabad.	RASULABAD p-o	13½	117½	A small town, supplies procurable good water from a well on extensive C-G, which is on the Nanamow-Rasulabad road, about 1 m. from the Mangalpur-Rasulabad road, country cultivated, road to Jhimbhak as above thence raised and bridged, width 25 ft. practicable for all cars, cross E. I. Ry. near Jhimbhak r.s. at 4½ the Ganges canal at 6½, and the Rundi Nadi at 8½ m.
		KHAIRNAGAR p-o	16	133½	A small village; supplies must be collected, water from the canal distributary and a well N of extensive C-G, which is W of road, country flat, very open and fairly well cultivated, road unmetalled partly bridged, width from 25 to 8 ft, unfit for wheeled traffic at all times; cross the Ganges distributary (strongly bridged) at 4½ and the Pandu stream (unbridged, fordable) at 9½ m.
		TIRWA 300 x 200 yds. p-o	7½	139½	A town, supplies procurable, good water from 4 wells close to shady C-G, which is N-E of town, country as before, road unmetalled, but bridged and better than in last stage cross Ganges canal at ½ and distributaries at 2, 3, 6 and 6½ m. (all strongly bridged)
		GURSAHAIKANGJ . . .	11	150½	See Route 268 Country as before, road unmetalled, partly bridged 21 ft wide; cross the Isan Nadi at 2 m., two fords in dry season, W one for carts, ferry in rains, one boat carrying 25 men, join the Grand Trunk Road at Gursahaijang
		KHODAGANGJ 380 x 240 yds. p-o	6½	157½	A small village supplies procurable; good water from 4 wells, three on, and the other 100 yds. N W of C-G, which is N of village, country as above, road metalled and bridged, cross the Kati Nadi en route.
		FATEHGARH . . .	13½	171	See Route 14.
		Total marches, 16 = 171 m.			Country and road as above, pass Kamalganj r.s. at 5½, and cross the Bargur stream by a masonry bridge at 7½ m.

Route No. 78.
FROM BANDA TO MANIKPUR RAILWAY STATION.
 via KARWI

AUTHORITY		Name of place and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Bundelkhand District, Agra.	Collector at Banda, Banda.	KHURHAND 140 x 135 yds. p-o r-s.	11	11	A large village, supplies on notice, abundant good water from 2 wells in vicinity of C-G, site for which is ½ m. S. of village, country cultivated, road metalled and bridged.
		BADAUSA 160 x 160 yds. p-o r-s.	16½	27½	A large village, supplies on notice, water from the Bagun stream site for C-G S. of road, country and road as before, the Bagun stream (fordable) is reached at 16½ m., when water is high there is a ferry (2 boats, each carrying 16 men)
		AKBARPUR 455 x 180 yds r-s.	7½	35	A village, supplies on notice, plentiful good water from a well on C-G, which is 1 m. E of r-s, country and road as before
		KARWI 220 x 160 yds p-o. b-s. r-s. b.	10	45	A town; supplies procurable, plentiful good water from a well C-G about 1 m. S E of town, road metalled and bridged except over the Bharu stream at 1½, and the Peshai at 7½ m. (both streams fordable).
		AINOHWARA 630 x 300 yds.	6½	51½	A large village supplies on notice, abundant good water from a well, C-G ½ m. W of village, Bihulpur r-s. is about 4 m. distant, country cultivated and open, road as above, the Ohun stream is crossed by a bridge, ½ m. from camp.
		MANIKPUR BY STN. p-o. b-s. b.	6½	60½	A small village, supplies on notice plentiful good water from a tank, site available near the village for small camp; country at first cultivated, afterwards hilly and jungly; road as above.
		Total marches, 6 = 60½ m.			

FROM BANDA TO NAGODE.

via BISRAM GHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Collector of Banda, Banda.	From the Church to GIBWAN 48,000 sq. yds. p-o.	12	12	NOTE.—For another road, see Route 516. A small village; supplies on notice; good grazing for camels; water from one brick well, saline and bad; C-G. 800 yds. N-E. of village; country well cultivated; road for first 3 m. metalled, thence unmetalled, but bridged throughout, practicable for all arms; pass Bandapura at 7, Berokur at 8 and Paighambarpur at 10½ m.
		PANGARA 270 x 240 yds. p-o.	8	20	A village; supplies on notice; good grazing for camels; good water from a well 200 yds. S-E. of, and from a tank on, C-G., which is 600 yds. N-W. of village; country jungle with a little cultivation; road unmetalled, practicable for all arms in dry weather, but difficult during the rains; pass Baral at 3½ and Daran at 4½ m.
		NAHARI 340 x 130 yds.	11½	31½	A small village; supplies on notice; camel grazing; good water from a well (diameter 15 ft., depth of water 8 ft.) 200 yds. S-W. of C-G., which is 1 m. from road, near village, with a difficult track leading to it; country as above; road, a cart track, very difficult during rains, bridged with eight small bridges; pass Naseni at 3½ m.
		DEOGAON 400 x 200 yds.	11	42½	A small village; supplies on notice; camel grazing; good water from 2 wells and from a small stream in vicinity of C-G., which is ½ m. S. of village; country jungle and hilly; road a mere cart track; the Gairar nullah is crossed near Nahari and again near Kartal, unbridged, deep, almost impassable in rains; there is a p-o. at Ajnighar, 4 m. S-W.
	Pol. Agt., Bundelkhand, Nougong.	BISRAMGANJ (Foot of Ghat) 23,000 sq. yds.	8½	51½	A small village situated in a well wooded gorge; supplies on notice; camel grazing; good water from a well close to C-G., site for which is 100 yds. from village and W. of road; country as above; road for 4 m. a mere cart track, thence raised, metalled and bridged; at ½ m. cross an unbridged nullah and another at Singapur village, both of which would be very difficult during the rains.
		PANNA 380 x 200 yds. p-o. t-s. b.	12½	63½	A small town; supplies procurable; good water from a well on C-G., which is in a mango grove S-W. of town and ½ m. from road; country extremely hilly and jungle; road unmetalled, but all nullahs bridged; at the 4th m. reach Bisram ghat, which is crossed by a steep, narrow path, practicable for all arms, but not loaded vehicles.
		PARARIATOLA 350 x 350 yds. b.	14½	78½	A village; supplies on notice; good water from a well S. of C-G., which is 200 yds. W. of village; country undulating; road raised, metalled and bridged; pass Sakriya at 8, and the b. at 12 m.
		NAGODE	12	90½	See Route 35.
	Pol. Agt., Bundelkhand, Sutan.	Total marches, 8 = 90½ m.			Country level, open and well cultivated; road as in last stage; pass Toura at 8 and Neena at 9 m.

Route No. 80.

FROM BANDA DAUD SHAH TO THULL.

via TERI AND GURGARI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Alkotabad.	Dy. Commr. of Kohat, Kohat.	TERI p-o.	5	5	NOTE.—The road as far as Dalan, 31 m., is some 20 ft. wide, gradient 1 in 20, passable for all arms; thence to Thull, about 10 ft. wide, over hills, gradient 1 in 10, passable for cavalry (though artillery might possibly get through), unmetalled and unbridged, but in fair order.
		GURGARI	16½	21½	A large village; supplies procurable; plentiful good water from springs, wells and from a stream close to village; ample waste land for C-G.; country fairly cultivated; road branches off from the Kehat-Edwardesabad road about 1 m. N. of Banda Daud Shah.
		THULL	15½	37	} See Route 68.
		Total marches, 3 = 27 m.			

Route No. 81.

FROM BANKURA TO CHAIBASSA.

via SINDEI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Col. of Bankura, Bankura. Dy. Commr. of Manbhum, Purulia.	CHAKALTOR	10	10	A small village; supplies on notice; good water, for a battn., from wells and a tank N. of village; camp in open fields; country undulating; road an unmetalled track about 12 ft. wide; cross the Daksar R. at 5 m., fordable except when in flood.
		DEHGAON	8	18	A very small village; no supplies; limited water from wells; C-G. as above; country and road as in last stage.
		PUNCHA p-o.	8	26	A large bazar; supplies on notice; water, for 3 battns., from wells and tanks; C-G. in fields of unlimited extent; country undulating and covered with light jungle; road as above; cross the Saini R., en route, fordable except after heavy rains.
		CHAMPATTI	8	34	A small hamlet; no supplies; water from wells, but very limited; encamp as above; country and road as in last stage; cross the Kossai R. (fordable) en route.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Fort William		SINDRI p-o	6	40	A large bazar, supplies on notice, plentiful good water from wells, tanks and a stream C-G in field W of the road, close to stream, country as above, road 20 ft. wide, unmetalled, cross the Kumhar stream (fordable) on route
		MACHABIRA	6	46	A small village, supplies scarce, water from wells, but very limited; encamp in fields of unlimited extent; country and road as above, but very bad during the rains.
		DHUNA	6	54	A small village, no supplies, indifferent limited water from wells, encamp as in last stage, country covered with dense jungle, road as above
		TAMULIA	8	62	A village, few supplies, limited water from wells, encamp as above, road bad
		GAMARIA 400 x 160 yds	8	70	A village, supplies must be collected, water from a stream N of village, C-G on bank of stream; country hilly, road as above.
		NANGTASYE 100 x 80 yds.	6	76	A small village close to the Banjar, supplies scarce, water from the river, site available for C-G, country and road as above; cross the Sabaurika stream at the beginning and the Banjar R at end of march both fordable except when in flood
		SARAIKHELA p-o	7	83	A small town, supplies plentiful, unlimited good water from a stream and tanks, spacious C-G on banks of stream in a mango grove, W of road; country jungly road 12 ft. wide, unmetalled, a mere cart track; cross one nullah fordable
		THOLEO	5	88	A small village, few supplies, abundant good water from tanks, spacious C-G close to water and W of road, country as above, road 20 ft wide, unmetalled but good, all nullahs bridged with masonry culverts.
		CHAIKASSA 300 x 260 yds p-o t s b.	8	96	A small civil site supplies plentiful, good water from streams, well and tanks; C-G just outside the town, close to police station, road as in the last stage, cross the Koro R, en route fordable, except during the rains, when a ferry boat, carrying 12 passengers, is available.
		Total marches 13 = 96 m			

Route No. 82.
FROM BANKURA TO MIDNAPORE
and GARHBETA

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Fort William.		ONDA p-o.	11½	11½	A small village, supplies on notice, good water from tanks and wells N-E of C-G, small site for which is N W of village, country flat and well cultivated, road 20 ft wide metalled bridged and fit for all arms, cross the Darikaur R at 2½ by a ferry (2 boats one carrying 60, the other 15 men) fordable in the dry season and the Kukra Khal (fordable) at 8 m
		BISHNUPUR p-o t-s	8½	20	A municipal town on right bank of the Barai R supplies on notice; abundant good water from tanks N W of C-G, small site for which is W of road, country partially covered with jungle, road as in last stage, pass Ramnagar at 5 and cross the Barai R (fordable over a causeway, except for 2 or 3 hours after floods) at 6½ m.
		BANKAHADA	8½	28½	A small village, supplies scarce, abundant water from tanks small site for C-G W of road, country and road as in last stage
		GARHBETA p-o t-s, b	7½	36½	A large village on right bank of the Solai R., abundant good water from wells, tanks and the river on bank of which and immediately after passing the village is site for small C-G; country well cultivated with jungle here and there, road 24 ft wide (8 ft. metalled) all nullahs have bridges and culverts capable of bearing field artillery; cross the Solai R. towards end of stage, by a ferry, two boats one carrying 60 passengers, and the other 250 mds. of baggage
		SALBANI p-o b	17	53½	A small village; supplies on notice from Anandpur, 6 m distant, water, for a battn, from tanks and wells small site for C-G W of b, country, road and bridges as in last stage
		MIDNAPORE p-o t-s b	16	69½	A small civil site and old cantonment on the left bank of the Kowai R, supplies plentiful, abundant good water from wells and tanks, small site for C-G at 6 m
		Total marches, 6 = 68½ m			

Route No. 83.
FROM BANKURA TO PURULIA
via HURA

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Fort William.		KANJIAKURA 100,000 sq yds	10	10	A village, supplies on notice, water, for a battn, from a tank and wells, high and level paddy fields available for C-G on both sides of road, country cultivated; road 10 ft. wide, unmetalled, a rough country track.
		ALJURA 100,000 sq yds	9	19	A small village, supplies must be collected abundant good water from a tank and stream C-G as above, country and road as in last stage

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort Williams.	Dy. Commr. of Mandbaram, Purulia.	HURA	12	31	A large village; supplies on notice; water from a tank and large masonry well, 40 ft. deep; C-G. on high, level paddy fields; country partly covered with jungle; road, 10 ft. wide, good, but unmetalled; no nullahs.
		LADHURKA	9	40	
		PURULIA	11	51	
		p-o. t-s. r-a. b.			
		Total marches, 5 = 51 m.			

Route No. 84.
FROM BANKURA TO RANIGANJ.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort Williams.	Colr. of Bankura, Burdwan, Bardhaman.	GANGAJALGHATI	14½	14½	A small village; supplies on notice; abundant good water from tanks; small site for C-G. W. of road; country partially cultivated; road, 20 to 26 ft. wide, metalled, bridged, and suitable for artillery; cross the Gandeshwari stream on starting, fordable over a brick causeway, except during floods, when there is a ferry, one boat, carrying 60 men, pikes; pass Khanomari at 8 m.
		RANIGANJ	15	29½	
		1,000 x 100 yds. p-o. t-s. r-a.			
		Total marches, 2 = 29½ m.			A small municipal town; supplies and good water abundant, the latter from tanks; C-G. near the old cantonment, E. of road; country and road as above; cross the Damoda R. at 12½ m. by ford in dry season, by ferry (4 boats, each carrying 60 men) in the rains.

Route No. 85.
FROM BAREILLY TO ALMORA.
via BAHERI AND RANIBAGH.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Bareilly, Bareilly.	From the Church to BHOJPURA	18½	18½	A large village; supplies on notice; good water, for 500 men, from a masonry well at N-E. corner of C-G., which is E. of road and N. of village; country flat and cultivated; road 20 ft. wide, metalled, bridged, and passable for all arms; pass Karampur at 6, Ubipur at 10½, and cross the Dhauranic stream at 11½ m.
		36,750 sq. yds. p-o. t-s. r-a.			
		DEORANIYA	7½	21½	
		28,872 sq. yds. p-o. r-a. b.			
	Collector of Bahai Tal, Bahai Tal.	BAHRI	9½	30½	A large village; supplies on notice; good water, for 500 men, from a masonry well on C-G., which is W. of road and S. of village; country and road as above; pass Jandonpur at 5½ m.
		95,550 sq. yds. p-o. r-a. b.			
		SUTUYA	7½	38½	
		140 x 136 yds. b.			
	Dy. Commr. of Naini Tal, Naini Tal.	NAGLA	8	46½	A small village; supplies on notice; good water from the river near C-G., site for which is E. of and close to road; country, the Terai; road as above; cross the Naini at 4 m.
		148 x 68 yds. b.			
		HYRAGANJA	12½	58½	
		190 x 160 yds.			
	Dy. Commr. of Kumaon, Almora.	RANIBAGH	8	66½	A village; supplies on notice; good water from the Gola R. and from a pump on C-G., site for which is E. of and close to road; country as above to Kathgodam, thence hilly; road as above; pass Huldwani at 4½ m. Kathgodam, the ry. terminus, is 1 m. from camp.
		330 x 80 yds. b.			
		BHIM TAL	7	73½	
		100 x 100 yds. b.			
	Dy. Commr. of Kumaon, Almora.	RANGARH	10	83½	Country very hilly; road as above, in fair order, ascending from Bhim Tal and then crossing the Gaghwar range.
		PEORA	9½	93½	
		ALMORA	9½	102½	
		p-o. t-s. b.			
		Total marches, 11 = 102½ m.			See Route 43 (a). A small cantonment, elevation 5,350 ft.; supplies on notice; good water, for 1,000 men, from a spring close to rifle range; latter could be used as a C-G., room for a bath.

Route No. 86.
FROM BAREILLY TO BUDAUN.
 and BINAWAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Rohilkhand District, Bareilly	Colr of Bareilly, Bareilly	From the Church to ALAMPUR 78 500 sq yds.	7½	7½	A village, supplies on notice, good water for a bath, from 2 wells; C-G N of village and E of road, country open and cultivated, road metalled and suitable for all arms, cross the Ramganga R. at 6 m by a bridge of boats in dry season, by ferry (4 boats, carrying 300 mds each) in rains, pass Sirhindnagar at 8½ m
	Colr of Bareilly, Bareilly	BINAWAR 860 x 360 yds p-o.	10½	18½	A village, supplies on notice, abundant good water from 2 wells on C-G, which is W of village at 2½ mile-stone; country and road as in last stage; cross the Uri stream, bridged, at 7 m
	Colr of Bareilly, Bareilly	BUDAUN	8½	27½	See Route 12
	Colr of Bareilly, Bareilly	Total marches, 8 = 27½ m			Country flat, open and cultivated, road as above, pass Ghutpur at 1½ and Malgawa at 3 m.
	Colr of Bareilly, Bareilly				

Route No. 86(a).
FROM BAREILLY TO BUDAUN.
 and AONLA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Rohilkhand District, Bareilly	Collector of Bareilly, Bareilly	From the Church to GAINI p-o	0	0	A small village, supplies on notice; good water from a well close to police station, no regular C-G, site used is S-E of village and W of road; country open, cultivated and well wooded, road metalled and fairly good, but heavy in places, width 30 ft, unfit for heavy artillery, cross the Ramganga R. en route by bridge-of-boats in dry season, by ferry in rains; 4 boats, 3 of 800 mds and 1 of 200 mds capacity, generally available.
	Collector of Bareilly, Bareilly	AONLA p-o. t-o. r-o.	9	18	A village, supplies on notice; good water for 400 men and 200 animals from a well N of C-G, small site for which is within the village and N of road, country as before, road fairly good, metalled, bridged, fit for all arms.
	Collector of Bareilly, Bareilly	KUMARGAON	8	26	A small village, supplies on notice, abundant good water from 14 wells in the village, a very large mango grove on E side of village available for C-G country well cultivated, road metalled, 30 ft. wide, suitable for all arms.
	Collector of Bareilly, Bareilly	BUDAUN	9½	35½	See Route 12
	Collector of Bareilly, Bareilly	Total marches, 4 = 35½ m			Country and road as above

Route No. 87.
FROM BAREILLY TO FATEHGARH.
 and FATEHGARHJ AND JALALABAD

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Colr of Bareilly, Bareilly	From the Church to FARIDPUR 180,800 sq yds p-o. t-o. r-o.	12½	12½	A village, supplies on notice, plentiful good water from a well in S-E. corner of C-G, which is N of village, country flat and cultivated, road metalled, bridged, practicable for all arms, cross the Nakota stream at 2½, pass Jha Jha at 5, Rajao at 7 and Ghousganj at 11½ m
	Colr of Bareilly, Bareilly	FATEHGARHJ 126,490 sq yds. p-o. t-o. r-o.	10½	23	A village, supplies on notice, abundant good water from two wells, C-G N E of road, country and road as in last stage, pass Bhagwanpur at 3½ and Tena at 9½ m.
	Colr of Bareilly, Bareilly	MADNAPUR 70,000 sq yds p-o. r-o.	15½	38½	A small village, supplies on notice, good water from a well on C-G, which E of village, country and road as above, cross the Byghul R. at ½ m, by bridge of boats in dry season and a ferry (1 boat, carrying 60 men) in rains, pass Kutra village (p-o.) at 4½ m.
	Colr of Bareilly, Bareilly	JALALABAD 68,200 sq yds. p-o.	9½	47½	A large village, supplies on notice; good water from a well on C-G, which N of village, country and road as before, pass Barua at 1½, Khudaganj at and Solpans at 5 m.
	Colr of Bareilly, Bareilly	ALLAHGARH 365 x 280 yds p-o.	12½	60½	A village; supplies procurable, good water, for a bath, from a well, in trough, E. of C-G which is N W of village, country very open and cultivated, road as before; pass Tingri at 5, Maunbar at 7½, Chornas at 8½, m Kuth at 9½ m
	Colr of Bareilly, Bareilly	FATEHGARH	13	73½	See Route 16
	Colr of Bareilly, Bareilly	Total marches, 6 = 73½ m			Country and road as in last stage, cross the Ramganga R. at 3½ m; bridge-of-boats, in dry season (will bear artillery: one gun at a time), and a ferry (boats each carrying 100 men) in the rains, pass Chhapora at 7½ and cut the bed of the Ganges R. at 8½ m when road becomes very heavy for abo 1½ m, the Ganges is crossed by a bridge-of-boats (will bear guns) in the d weather and by a ferry (16 boats) in the rains.
	Colr of Bareilly, Bareilly				

Route No. 88. FROM BAREILLY TO MORADABAD.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Rampur Territory. Agent to Lt.-Gov., N.-W. P., Bareilly.	Collector of Bareilly, Bareilly.			
		From the Churah to FATEHGANJ- WEST 152,640 sq. yds. p-o. r-s.	12½	12½	A village; supplies on notice; abundant good water from a well N.E. of C-G., which is S. of village; country open and well cultivated; road metalled and bridged as far as the Sanka R., width 30 ft., fit for all arms; enter Bareilly city at 2½, and cross the Sanka (unbridged) at 10 m.
		MIRGANJ 124,280 sq. yds. p-o. t-s.	9½	21½	A large village; supplies on notice; abundant good water from 2 wells on C-G., which is S. of village; country as in last stage; road not metalled, but fit for all arms; cross the Kiteha R. at 3 and the Dukra-Bakra at 4 m., both by bridge-of-boats in the dry season; in the rains a ferry (2 boats, each carrying 50 men) plies across each river.
		KAMORA, DHAMORA. 288,360 sq. yds. r-s. at Dhamora.	10½	31½	Two villages; supplies on notice; abundant good water from 2 wells on C-G., which is S. of villages; country as before; road bridged, but not metalled; pass Milak (p-o) en route.
		GANESH GHAT 460 x 560 yds. b.	12½	44½	A small village; supplies on notice; abundant good water from wells on and near C-G., which is on right bank of the Kosla R.; country fairly cultivated; road as above, width 30 ft., heavy in places, but passable for all arms; cross the Kosla, bridged in dry season, at 11½ m.; in the rains there is a ferry, or the ry. bridge might be utilised.
		MORADABAD	13	57½	See Route 27. Country and road as in last stage, latter metalled towards end of march; pass Morha at 2½ and Bhasia at 8½ m.; at 10 m. a metalled road leads to the ry. bridge over the Ramganga R. and thence to C-G.; there is also a road through the town, crossing the Ramganga by bridge-of-boats in dry weather and by ferry in the rains.
		Total marches, 5 = 57½ m.			

Route No. 89. FROM BAREILLY TO NAINI TAL. via BAHERI AND RANIBAGH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Col. of Bareilly, Bareilly.	BHOJPURA	18½	18½	See Route 85.
		DEORANIYA	7½	21½	
		BAHERI	9½	30½	
		SUTOYA	7½	38½	
		NAGLA	8	46½	
		HYRAGANJA	12½	58½	
	Dy. Commr. of Naini Tal, Naini Tal.	RANIBAGH	8	66½	A halting place with small hotel; supplies from Naini Tal; plentiful good water from a stream immediately below C-G., small site for which is E. of and near road; country mountainous; cart-road metalled and bridged, width 20 ft.; bridle-road unmetalled, but bridged, steepest gradients 1 in 6, fit for pack transport and shortens the stage quite 2 m.; troops would do well to march by the latter. See Route 48. Country as before; cart-road and bridle-road as above, by latter the distance from last camp to Naini Tal Church is 3 m.
		THE BREWERY p-o.	10½	76½	
		NAINI TAL	11	87½	
		Total marches, 9 = 87½ m.			

Route No. 90. FROM BAREILLY TO PITHORAGARH. via PILIBHIT AND LOHAGHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Col. of Bareilly, Bareilly.	RITHAURA 47,056 sq. yds. p-o.	11	11	A village; supplies on notice; good water, for a bath, from 2 wells, one by police thana, and the other on C-G., which is N. of village; animals can be watered at the Nakuta R.; country open, level and cultivated; road 36 ft. wide (12 ft. metalled); pass Chanwar at 7 and cross the Nakuta (bridged) at 9 m.
		NAWABGANJ 40,470 sq. yds. p-o. t-s. t-s.	9	20	A village; supplies on notice; abundant good water from wells; C-G. N. of village on bank of the Pengrauli R., latter being crossed by bridge in dry weather, and by ferry in rains; country and road as in last stage; pass Hafarganj at 5 and cross the Byghul stream (bridged) at 7½ m.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rohitkund District, Bareilly		Collector of Bareilly, Pilibhit P. H. Unit			
		PILBHIT 77,440 sq yds p-o t-a t-a b.	12	22	A town and small civil sta., supplies on notice, good water from the Doaba R. and from wells on C.G., which is S. of town, country and road as above; cross the Doaba by ry. bridge at 11 m.
		ALAMPUR 18,880 sq yds.	11	43	A small village, supplies on notice; site for C-G 2½ m. E. of the Doaba R. from which good water is obtainable; there is also a well S. of the ground supply from which is limited, country partially cultivated, road unmetalled but good, 76 ft. wide passable for all arms, no bridge; cross the Kakra bridge on leaving Pilibhit and pass Bura at 3 and Lalpura at 10½ m.
		KUTEYMA p. a. b.	19	60	A small village in the Terai, supplies on notice, abundant good water, site for C-G S. of tehat, country well cultivated, road as in last stage
		TANAKPUR b	16	72	A small village, supplies on notice far water from the Kuli R., space available for C-G close to b, country, the Terai, road as above, crosses the Kukra, Gurkha and Joghura rivers en route, all bridged.
		DEORI b	16	87	A small village, supplies on notice, good water from a stream in vicinity, small site for C-G above b, country mountainous; road unmetalled, but good, the Tadhra and Jhula rivers have temporary bridges in dry season only
		CHAMPAWAT 800 x 100 yds p-o. b	15	102	A small village; supplies on notice, unlimited good water from a reservoir to W. of b, and from a stream S. of C-G, which is W. of road, country and road as in last stage, latter stony and difficult.
		LOHAGHAT	6	108	See Route 42. Country jungle, road unmetalled, average width 8 ft., passable for infantry and transport animals; cross the Baliti ravine by a wooden bridge.
		CHIRA 100 x 100 yds	8½	116½	A small village, supplies on notice, abundant good water from a spring ¼ m. towards Guma C-G S.W. of road; country and road as above; latter ascending gently for about 8 m. to the Raikut pass, thence descending by an easy gradient to Chira.
		GUMA (GUN) 800 x 60 yds b.	10	126½	A small village, supplies on notice, limited supply of good water from a well S.E. of b, near which is C-G, country and road as before, cross the Jikra ravine by a wooden bridge and the Ranganga R. by a suspension bridge.
		PITHORAGARH	8	134½	See Route 44. Country and road as in last stage.
		Total marches 12 = 194½ m.			

Route No. 91.

FROM BAREILLY TO RANIKHET.

via BAHERI, RANIBAGH AND RATIGHAT

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rohitkund District, Bareilly		Collector of Bareilly, Bareilly			
		BHOJPURA	18½	18½	
		DEORANITA	7½	21½	
		BAHERI	9½	30½	
		SUTUYA	7½	38½	See Route 85
		NAGLA	8	46½	
		HYRAGANJA	12½	68½	
		RANIBAGH	8	80½	
		THE BREWERY	10½	96½	See Route 89
		BHOWALI p-o. b	10	88½	A small village supplies on notice, plentiful good water from a covered reservoir on S-W boundary of C-G, good but small site for which is on S. side of road, country mountainous, last 2 m. thickly wooded road as in last stage, up-hill for 8 m., gradient 1 in 20, then down hill for remaining 2 m., gradient 1 in 16. Nami Tal is 6 m. distant from village
		RATIGHAT b	8½	94½	A halting place, supplies on notice, good water for a batna, from a covered reservoir on C-G, good but limited space for which being on terrace just above road; country mountainous and wooded, road as above all down hill.
		BAHSYUN b.	10½	105½	A small village, supplies on notice, good water, for a batna from a reservoir on C-G, latter on small terraces, on W. side of road; country and road as before; cross the Ranganga R. at 1, and the Lasi at 4 m. (both have iron bridges).
		RANIKHET	10½	116½	See Route 45 Country and road as above, latter up-hill for first 9 m., thence down hill
		Total marches, 12 = 116½ m.			

Route No. 91(a).
FROM BAREILLY TO RANIKHET.
 via KASHIPUR.

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AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Bareilly.	BHOJPURA .	13½	13½	See Route 85.
	Collector of Bareilly.	DEORANIYA .	7½	21½	
		BAHERI .	9½	30½	
	Deputy Commissioner of Naini Tal, Naini Tal.	KICHHAHA . 165 x 100 yds. p-o. b.	9½	40½	A small village; supplies on notice; unlimited good water from wells, the Kichaha R. and a canal; site for C.G. E. of telahi; country partially cultivated; road metalled, bridged, 30 ft. wide, practicable for all arms; pass Mandanpur at 2½ and cross the Kichaha R. (bridged) at 8½ m.
		RUDARPUR . p-o.	8	48½	A village; supplies on notice; good water from the river close by; small C.G. W. of village; country as above; road unmetalled, otherwise as in last stage.
		BARAKHERA (RADARPUR) 240 x 20 yds. p-o.	10½	59½	A large village; supplies on notice; plentiful good water from a well E. of C.G., site for which is E. of telahi; country and road as in last stage; cross, by strong bridge, the Dimri, Dikra and Nalal streams en route.
		SATA KHANA 570 x 250 yds. p-o.	11	70½	A small village in the Terai; supplies on notice; abundant good water from wells S.E. of C.G., which is N.W. of telahi buildings; country and road as above.
		KASHIPUR . p-o. b.	14	84½	A small town, residence of Raja of Kashipur; supplies on notice; abundant good water from wells close to C.G., latter (private property of the Raja) extensive and shady; country and road as above.
		BAN KA KUA 280 x 150 yds.	9	93½	A halting place; no village; supplies on notice from Ramnagar or Kashipur; plentiful good water from a tank near to, and a well on C.G., which is ½ m. E. of new road; country jungle; road 30 ft. wide, bridged, unmetalled, sandy and heavy for first 2 m., passable for all arms.
		AMSOOTH .	10	103½	A halting place; no village; supplies from Ramnagar on notice; abundant good water from a reservoir close to C.G., which is extensive, near road; country and road as in last stage; pass Ramnagar at 2 m.
		KUMERIA . 10,000 sq. yds. b.	11½	115½	A small village; supplies on notice; good water from the Kori R.; C.G. close to b.; country, thick jungle; road metalled for 1 m., thence unmetalled, 20 ft. wide, in good condition and passable for all arms; nullahs bridged; cross the Kori R. at 6, and again at 11 m. (impracticable here in the rains) by suspension bridges. There is also a cart road, practicable at all seasons, from Amsoth to Kumeria; distance by this road 16½ m.
		TOTTAH . 20,920 sq. yds.	6½	122½	A small village; supplies on notice; abundant good water from a spring 650 yds. E. of C.G., site for which is S. of and near road; country partially cultivated; road unmetalled but good, passable for all arms; nullahs bridged.
	Deputy Commissioner of Rumaon, Almorah.	MALU KHAN 50,000 sq. yds.	7½	129½	A small village; supplies on notice; limited supply of good water from a reservoir ½ m. N. of C.G., which is S. of and near road; country and road as in last stage.
		DANTO . 47,510 sq. yds.	10½	140½	A village; supplies on notice; good water from a reservoir on C.G., which is N. of road; country and road as above.
		SEONI . 32,500 sq. yds.	8½	149½	A village; supplies on notice; good water from the Gayagarth stream; C.G. N. of road; country and road as above.
		RANIKHET .	10½	160½	See Route 45.
		Total marches, 16 = 157½ m.			Country and road as before.

Route No. 92.
FROM BAREILLY TO SHAHJAHANPUR.
 via PATEHGANJ.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Bareilly.	From the Chur-h to			See Route 87.
	Collector of Bareilly.	FAHIDPUR .	12½	12½	
		PATEHGANJ .	10½	23	
	Collector of Shahjahanpur, Shahjahanpur.	TILHAR 120 x 120 yds. p-o. l-o. r-o.	10½	33½	A large village; supplies on notice; good water, for a butia, from a well on C.G., which is N. of road; country cultivated; road, 8 ft. wide, unmetalled, but passable for all arms; cross the Bychni R. at ½, by bridge-of-boats in dry weather, a ferry (1 boat carrying 15 men) in the rains, and pass Katra at 4½ m., where a road to Pilibhit branches off.
		SHAHJAHANPUR . 400 x 220 yds. p-o. l-o. r-o. b.	12½	46½	A city and small cantonment on left bank of the Gogra; supplies procurable; abundant good water from wells and the river; C.G. near the bazar; country and road as in last stage; cross the Deoha (or Gogra) R. just outside Shahjahanpur; a bridge-of-boats in the dry season, and a ferry (2 boats, each carrying 160 men) in the rains.
		Total marches, 4 = 46½ m.			

Route No. 93. FROM BARBARWA TO SAHEBGANJ.

APPROPRIETORS.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dputy Commissioners of South Parganas, Dacca.	BARBARWA . p-o. t-s. r-s.	..	...	A village; grain procurable, other supplies on notice; abundant good water from ry tank near C-G, which is N. of r-s. and of unlimited extent; country open and cultivated.
		BANGA . b.	6	6	A small village; no supplies; limited quantity of good water from a small stream, and (for animals) from a tank; extensive C-G. W. of village and near road; country as above; road metalled for first 3 m., thence unmetalled, 18 ft. wide, partly bridged, fit for all arms in the dry season only; the Gomani stream (generally dry) is crossed at 6 m.
		BARHAIT . 13,000 sq. yds. p-o	7	13	A village; supplies on notice; good water from the Gomani R., on bank of which and N-W. of village, is site for C-G; country and road as before.
		HOWGAON . b.	7	20	A village; no supplies; abundant good water from the Morel stream $\frac{1}{2}$ m. E. of C-G; there being an extensive site for latter N. of village; country and road as before.
		BARIO . 16,000 sq. yds. p-o. b.	7	27	A village; supplies plentiful; abundant good water from a well on, and from the Morel R. $\frac{1}{2}$ m. E. of C-G, site for which is near b.; country and road as before, the Morel stream is crossed twice en route.
		BANJHI . b.	10	37	A village, small quantities of grain procurable, other supplies on notice; good water from the Morel stream, and (for animals) from a tank; C-G of unlimited extent, E. of village; country and road as before.
		SAHEBGANJ . 16,000 sq. yds. p-o. r-s.	3	40	A village; supplies plentiful; good water from the Ganges, and from wells on C-G, site available for which is W. of r-s.; country hilly and wooded for first 6 m.; road as before; the Rajmahal hills are crossed in this stage.
		Total marches, 6 = 48 m.			

Route No. 94. FROM BARRACKPORE TO JESSORE. via BARASAT.

APPROPRIETORS.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of 24- Parg., Alipore. Keshnagar. Colr. of Jessore, Jessore.	BARASAT . 400 x 200 yds. p-o.	7	0	A small civil str.; supplies plentiful; C-G in kacheri compound, where there is a large deep tank with unlimited good water, country level and open; road 27 ft. wide, metalled, bridged and fit for artillery.
		SHAREPUR . b.	13	23	A small village; supplies on notice; paddy fields near village available for C-G. In dry season, fairly good water being obtainable from a tank, otherwise there is a good and extensive camping site four miles beyond the village, water being procurable from tanks in vicinity; country and road as above.
		GAIGHATA . 650,000 sq. yds.	10 $\frac{1}{2}$	33 $\frac{1}{2}$	A village; supplies on notice; water of fair quality, from the Jahana R.; C-G. W. of bazar; country as above; road, 20 ft. wide, unmetalled, but fit for all arms in dry season.
		JOYNTIPUR . 84,000 sq. yds.	14	48 $\frac{1}{2}$	A village; supplies on notice; fair water from a stream N. of C-G, which is 400 yds. N. of village, country as before; road, unmetalled for 0 m., 20 ft. wide, thence brick metalled, fit for all arms, but 2 pontoon bridges, one at Guighata, and the other at Bangson, will not carry more than one ton at a time on each pontoon.
		JADABPUR . 205 x 65 yds. p-o. r-s. b.	8	56 $\frac{1}{2}$	A village; supplies on notice; water, good in rains, indifferent in hot weather, from the Bheta R. $\frac{1}{2}$ m. E. of site for C-G; country low-lying and subject to inundation; road 24 ft. wide, 8 ft. metalled, fit for all arms.
		JHINKARGACHA . 265 x 65 yds. p-o. r-s.	7 $\frac{1}{2}$	62	A village; supplies on notice; good water from the Gobadakh R. N-W. of site for C-G, which is $\frac{1}{2}$ m. S-E. of village; country low-lying, but not subject to floods, road as in last stage; one iron suspension bridge is crossed en route (not suitable for heavy ordnance).
		JESSORE . 205 x 65 yds. p-o. t-s. r-s. b. Total marches, 7 = 71 m.	9	71	A town; supplies plentiful; abundant good water; site for C-G, $\frac{1}{2}$ m. W. of town; country under rice cultivation; road metalled and bridged.

Route No. 95. FROM BARUN TO ARWAL by road, thence by Canal Route to Digba Ghat for Dinapore or Patna.

APPROPRIETORS.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Alahabad District, Alahabad.	Collector of Gaya, Gaya.	DAUDNAGAR .	16	16	NOTE.—This road is unusable during the rainy season, when the Patna or E. Son canal could be used. See Route 54. Country low, level and cultivated; road, unmetalled, runs along right bank of the Son, between it and the Patna canal, possible only in fair weather.
		PARWEZABAD . 270 x 220 yds.	13	29	

AUTHORITY.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
U. C. G. Allahabad District, Allahabad.	Collector of Gwyne, Gwyne.	ARWAL 400 x 300 yds. p-o.	10	39	A village; supplies on notice; good water from the canal; site available for C-G. near canal 2 m. E. of village; country and road as above. Arwal is 41 m. by canal from Jigha Ghat and Patna, and 42 m. by the same route from Barua; a road runs E. from Arwal to Jehanabad r.s. (See Route 345.)
		Total marches, 3 = 88 m.			

Route No. 96.

FROM BASTI TO DHEKAHRI, on the Nepal Frontier.

AUTHORITY.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Basti, Basti.	LACHMANPUR . .	10	10	NOTE.—The C-Gs. in this route are of unlimited size, and there is water for 1,000 men at each stage. A small bazar; supplies procurable; water from wells and tanks; suitable site for C-G. in a mango grove S. of road; country well cultivated; road raised and bridged, but unmetalled and difficult for wheeled traffic during the rains. A village; supplies procurable; good water from wells and tanks; suitable site for C-G. in a mango grove S. of road; country and road as in last stage; cross the Bawal R. at 7½ m. A large village; supplies procurable; good water from wells; suitable site for C-G. in a grove N. of road; country and road as above. A village; supplies procurable; good water from wells; C-G. in mango groves; country and road as above; cross the Rapti on starting by a bridge-of-boats in the dry season, and a ferry during the rains, neither suitable for carts. A village; supplies procurable; good water from wells and tanks; C-G. in mango groves; country and road as above, latter much cut up by nullahs, unbridged, but always fordable.
		BHANPUR . .	10	20	
		DOMARIAGANJ . .	12	32	
		INTWA . .	10	42	
		DHEKAHRI . .	10	52	
		Total marches, 6 = 52 m.			

Route No. 97.

FROM BASTI TO MAHADEWA, near the Nepal Frontier.

via BANSL.

AUTHORITY.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Basti, Basti.	SISWARI . .	10	10	A village; supplies procurable; abundant good water from wells and tanks; a suitable site for C-G. S. of road; country chiefly rice-fields; road, unmetalled, but raised, bridged, and practicable for all arms throughout the year. A village; supplies procurable; abundant good water from wells and tanks; good C-G. in mango groves; country and road as in last stage. A large town on right bank of the Rapti; supplies procurable; abundant good water from wells and tanks; C-G. in mango groves; country and road as in last stage. A large town; supplies procurable; abundant good water from wells and tanks; C-G. in mango groves; country as in last stage; road neither metalled, raised, nor bridged, not suitable for artillery in rains; cross the Rapti R. at Banst, by a bridge-of-boats and a ford in the dry season, and by a ferry during the rains, 3 boats, carrying 100 to 250 mds. each; the Danganra R. is crossed at 6 m., fordable during the dry season, a ferry (8 large boats) in the rains. A small village, 6 m. from the Nepal frontier; supplies procurable; good water from wells and tanks; C-G. in mango groves; country and road as above; cross the Janmura R., strongly bridged; numerous small nullahs en route are impassable when in flood.
		RUDAUTI . .	10	20	
		BANSL . .	12	32	
		NAUGARH . .	18	45	
		MAHADEWA . .	11	56	
		Total marches, 5 = 56 m.			

Route No. 98.

FROM BENARES TO AZAMGARH.

via DEOGAON.

AUTHORITY.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collr. of Benares, Benares.	GHOLAPUR . .	10	10	A village; supplies on notice; good water from a well on, and from another 110 yds. E. of C-G., small site for which is in a grove 220 yds. W. of Dhaswara village; no other site available; country flat and well cultivated; road metalled and bridged; cross the Bura R. on leaving the station and the Nand R. at 8½ m. A village; supplies on notice; abundant good water from a well on C-G., which is 200 yds. N. of village; water for animals from the Gunti R.; country open and cultivated; road as above; cross the Gunti R. at 8 m., in dry weather by a boat and pile bridge, and by a ferry (2 boats, each carrying 20 men, others on notice) in the rains.
		CHANDWAK . .	0	10	
		200 x 160 yds. p-o.			

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Azamgarh, Azamgarh	DROGAON 200 x 200 yds p-o b.	11	30	A village supplies on notice; abundant good water from 2 wells and a tank on and in the vicinity of C.G., which is $\frac{1}{2}$ m. E. of village; country and road as above, cross the Gungl at 10 m.
		GHUMANDIH 800 x 810 yds	10	40	A village supplies on notice, plentiful good water from 2 wells and from a tank 200 yds W. of C.G., which is 280 yds. N. of village; country and road as above, cross the Banu B at 0 m.
		SARSENA	10	60	See Route 84 Country and road as above, go on the road from Jaunpur at $\frac{1}{2}$ m. and cross the Nagar stream soon afterwards.
		AZAMGARH 28,600 sq yds p-o. lvs. p-o. b.	10	60	A small civil sta. on left bank of the Tense and 1able to floods; supplies abundant; plentiful good water from 3 wells (one slightly brackish) on C-G site for which is on high and dry ground in the Judge's compound, country and road as above, pass Azaribagh at 7 m. and cross the Tense at entrance to city
		Total marches, 6 = 60 m.			

Route No. 99.
FROM BENARES TO BUXAR.
and THE GRAND TRUNK ROAD AND CHAUSA.

AUTHORITIES		Name of stages and class of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Allahabad District, Allahabad.	Collector of Benares, Benares. Collector of Shahabad, Arrah	JALILPUR	6½	6½	See Route 206
		JAGDIS KI-SARAI	12	18½	
		KHAJURA	11	29½	
		MOHANIA	14	43½	
		RANGARH 38 700 sq yds	8½	63	A village supplies on notice good water from a well N E of C G which is E of village country open and fairly cultivated, road unmetalled but good, cross the Durganti R. at 4 and a nullah at 6 m., both fordable except after heavy rain when ferries ply
		PONJEANWAN 42,480 sq yds.	10½	82½	NOTE.—There is also an extensive site for a C-G to W of village with abundant good water A small village on right bank of the Karamnasa R.; supplies on notice abundant good water from 3 wells in vicinity of C-G, which is S. of village, country a d road as in last stage; at 3 m. cross the Durganti R. fordable in dry weather, one boat to carry 15 men available in the rains,
		CHAUSA 300 x 300 yds p-o r-a. b.	14	76½	A small town on right bank of the Ganges, at its confluence with the Karamnasa, supplies plentiful; abundant good water from wells and the river C G 200 yds E of village country and road as above cross the Guria soon after starting, by ford in dry weather by ferry (1 boat carrying 25 men) in the rains
		BUXAR	6½	82½	See Route 55 Country as above, road unmetalled and unbridged except the last ½ m
Total marches 8 = 82½m					

Route No. 100
FROM BENARES TO GHAZIPUR.
and SAYADPUR

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Benares, Benares. Collector of Ghazipur, Ghazipur	CHAUSEPUR 810 x 800 yds. p-o.	11	11	A large village; supplies procurable, good water for a bath from a well close to C-G, which adjoins bazar; country level and cultivated; road metalled and bridged, cross the Barua stream at 2 m.
		SAYADPUR p-o.	11	22	A small village on left bank of the Ganges, supplies plentiful, abundant good water from 4 wells on C-G., site for which is $\frac{1}{2}$ m. N. of village country and road as above; cross the Ganga at 7 m., by bridge of boats in the dry season, by ferry carrying 125 men in the rains.
		NANDGANJ 203,040 sq yds. p-o	13	34	A small village supplies on notice, good water, for a bath from 3 wells on C.G., which is 800 yds. W. of village; country and road as before cross the Ganga stream at 6 m., and pass Deokhat (p-o.) immediately afterwards.
		GHAZIPUR	11	45	See Route 55 Country and road as above, pass Anksapur bet 3 $\frac{1}{2}$ and Mahanagarj at 8 m.
		Total marches, 4 = 45 m.			

Route No. 101. FROM BENARES TO JAUNPUR.

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Description.		Names of villages and/or of country grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
O. C. Alabado District, Mirzapur.	Col. of Jaunpur, Benares, Mirzapur.	BARATPUR .	101	101	A small village; supplies procurable; plentiful water from wells; O.G. S. of road; country cultivated; road installed and in good repair; pass Shipur (see) at 8 1/2 and Barua at 6 m.
		BARAGAON .	11	211	
		JAUNPUR .	151	53	See Route 82. Country and road as above, latter passes the civil stn. of Jalshiraj and Zafraab at 8 1/2 and 6 m., respectively; the Rai stream (bridged) is crossed at 8 1/2 m.
		Total marches, 3 =			
		35 m.			

Route No. 102. FROM BENARES TO MIRZAPUR. BY THE GRAND TRUNK ROAD AND NARGHAT.

Description.		Names of villages and/or of country grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
O. C. Alabado District, Mirzapur.	Col. of Jaunpur, Benares, Mirzapur.	RAJA-KATIAO .	10	10	See Route 82.
		PARHARAGANG KATEAL NARGHAT .	10	20	
		MIRZAPUR .	11	31	The Grand Trunk Road is left at Agra 10 m. from which point the road is well established and bridged to end of stage. See Route 82.
		Total marches, 4 =			
		41 m.			

Route No. 102(a). FROM BENARES TO MIRZAPUR. BY KACHWA GHAT.

Description.		Names of villages and/or of country grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
O. C. Alabado District, Mirzapur.	Col. of Jaunpur, Benares, Mirzapur.	RAJA-KATIAO .	10	10	See Route 82.
		KACHWA 2000 ft. 310 m.	10	20	
		MIRZAPUR .	11	31	A strong road is on a good road water from a well, and after was a road by O.G. which is W. of village; country well cultivated; a road established and bridged; passes the Grand Trunk Road at Raja-Katia; passes Barua at 8, and Barua at 6 m.
		Total marches, 3 =			
		27 m.			

Route No. 102(b). FROM BENARES TO MIRZAPUR. BY JALSHIRAJ AND CHUNAR.

Description.		Names of villages and/or of country grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
O. C. Alabado District, Mirzapur.	Col. of Jaunpur, Benares, Mirzapur.	JALSHIRAJ .	121	121	An old road and a track of the Grand Trunk Road; plentiful good water; supplies procurable; road in good repair; country cultivated; road established and in good repair; pass Barua at 8, and Barua at 6 m.
		CHUNAR 2000 ft. 310 m.	11	131	
		Total marches, 2 =			
		23 m.			

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District Allahabad	Collector of Mirzapur	FUNDRI 270 x 140 yds	10½	27½	A small village, supplies plentiful; abundant good water from wells on hill around C-G, which is on a plain beside police station, country fairly cultivated road unmetalled and very heavy in wet weather; 1½ nullahs to cross, latter quite impassable during the rains
		MIRZAPUR	12½	89½	See Route 34
		Total marches 4 = 89½ m			Country as above road unbridged and unmetalled cross the Bilwan stream on starting, pass Ghoghghura at 4½ and cross the Khayara stream at 8 m, where the metalled road to Mirzapur is joined, both streams passable except after heavy rains.

Route No. 103.
FROM BERRHAMPORE TO ALATOLI.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Port William	Collector of Murshidabad, Berhampore	HIGHA GHAT	16	16	NOTE.—This route is used in the dry weather when steamers to and from the N.W. cannot start from or reach Berhampore
		ALATOLI	10	26	A small village; supplies procurable, plentiful good water from the Gobra stream, on bank of which is extensive C-G, country well cultivated good road, metalled and bridged width from 20 to 40 ft, passable for all arms; the Gobra stream is crossed at D'gha Ghat (ferry, two boats)
		Total marches 2 = 26 m			A village on right bank of the Ganges; supplies and water plentiful; C-G on extensive open fields near the river; country as before; road as above as far as Bhagwanpola (4 m), remainder a fair unmetalled road, the Bhyrabi R. (fordable in the dry season) is crossed by a ferry (2 flat bottomed boats) in the trade

Route No. 14.
FROM BERRHAMPORE TO AUGERDIP.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Port William	Collector of Murshidabad, Berhampore	BARWA	11	11	NOTE.—This route is used in the dry weather when steamers from or to Calcutta can not reach or start from Berhampore
		PLASSEY	13	24	A village, supplies on notice plentiful water from a tank on W side of road, C-G on extensive open fields 2 m from the Bhagmati R., country open and cultivated; road unmetalled, but raised and bridged
		AUGERDIP	12	36	A village on left bank of the Bhagmati R., famous for the battle fought by Clive on 23rd June 1767, supplies on notice plentiful good water from tanks, and the river, on bank of which, in fields, is C-G; country and road as above
		Total marches 3 = 36 m			A village on left bank of the Bhagmati R., supplies on notice plentiful water from the river, near which is site for C-G, country as before road as above for 8 m, afterwards a mere track, cross a large pool at 5 m

Route No. 105.
FROM BERRHAMPORE TO BANKURA.
and ILAMBABAZAR AND SONAMUKHI

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Port William	Collector of Murshidabad, Berhampore	GAUKARN	10	10	A village supplies on notice plentiful good water from tanks C-G of unlimited extent in fields; country cultivated, but low-lying, road fair, unmetalled, 16 ft wide; cross the Bhagmati R. on starting by ferry, and the Jibanta at 5 m by an iron bridge
		JAMU KANDI	8	18	A large village on the Kama or More stream, supplies on notice plentiful good water, C-G in fields country and road as above; cross the Divaria R. in 3rd m by wooden bridge passable for artillery a similar bridge at 6 m over nullah
		SHULHAT	10	28	A village on the More R., supplies on notice plentiful water from the river, on bank of which is extensive C-G; country and road as before
		GONATIA	8	36	A village, supplies on notice plentiful water from tanks spacious C-G in open fields, country and road as above
		PIPRATKORE	12	48	A small village, supplies must be collected, water plentiful; C-G in fields, country partially covered with jungle; road unmetalled; the More is crossed on leaving Gonatia and the Kues at Pipratkore both fordable, except in rainy season, when a ferry is at each
		SDRUL	6	54	A large village, supplies procurable plentiful water from tanks, etc C-G in fields; country fairly cultivated road 16 ft wide unmetalled, but at for all arms Dolpur is closest to Sdrul
		ILAMBABAZAR 100 x 60 yds P.O.	12	66	A large town on right bank of the Adaji; supplies plentiful; good water from the river near which is site for C-G, country as above; road metalled and bridged, passable for all arms

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collic. of Burdwan, Bankura, Collector of Bankura, Bankura.	PANAGAR 63,000 sq. yds. p-o. l-a. r-a.	14	80	A village; supplies on notice; plentiful good water from 2 tanks; C-G. in fields; country as before; road metalled up to the Adjai, thence unmetalled and indifferent; the Adjai is crossed in the first and the Kunur R. in the 9th m., both fordable, except in rains, when ferries ply.
		SOMAMUKHI 100 x 80 yds. p-o. l-a. b.	11	91	A large village; supplies on notice; abundant good water from tanks and from a well in b. compound, the latter being the C-G.; fields are also available for encampment; road 20 ft. wide, metalled; the Damoda R. is crossed at 8, and the Bati at 10 m., both fordable except in rains, when ferries ply.
		BALIATOR 120 x 100 yds. p-o. b.	13½	104½	A small village; supplies on notice; abundant water from tanks near C-G., site for which is on right of road; country cultivated; road as in last stage.
		BANKURA p-o. l-a.	13½	118	A small civil stn. on left bank of the Darkour R.; supplies abundant; plentiful water from wells and streams; C-G. in fields; country and road as in last stage; pass Agaya at 6 and Ruttanpur at 9½ m.; cross the Gandesuri towards end of stage by a brick causeway, fordable in the dry season; in the rains there is a ferry 1 boat carrying 60 men.
		Total marches, 11 = 118 m.			

Route No. 106.
FROM BERHAMPORE TO BHAGALPUR.
via SUTI, TINPAHAR AND GOLGONG.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampore.	BONUNIA (JIAGANJ)	14	14	A large village; supplies easily procurable; plentiful good water from the Bhagirathi R., ½ m. W. of C-G., spacious site for which is available in fields, or in mango groves 1½ m. N. of village; country cultivated; road metalled, width, 20 to 40 ft.
		DEWAN SARAI 1,000 x 1,000 yds.	10	24	A large village; supplies easily procurable; plentiful good water from a large tank and from a well 200 yds. E. of C-G., which is in mango groves W. of and close to village; country as above; road raised, but not metalled or bridged, width 15 to 35 ft., practicable for all arms in dry weather; cross the Gobra stream at 3 m.
		KHAMRA p-o.	10	34	A village; supplies on notice; abundant good water from a well, and from the old bed of the Ganges, latter ½ m. E. of extensive C-G., which is 1 m. S. of village; country and road as above.
		JANGIPUR p-o.	8	42	A village; supplies on notice; plentiful good water from the Bhagirathi R., on both banks of which is extensive space for C-G.; country and road as before.
		SUTI	11	53	A town; supplies plentiful; abundant good water from the Bhagirathi R., in groves and fields on bank of which is extensive C-G.; country as above; road, only a fair weather one, liable to submersion at high floods; cross the Bhagirathi at end of stage, by ford in dry season, by ferry (8 boats, each carrying 36 men) in rains. Suti, situated on right bank of the Bhagirathi R. near its confluence with the Ganges, is famous for a battle fought on the 2nd August 1768 between the British and the troops of Mir Kasim Ali, Nawab of Bengal, in which the former were victorious after a severe contest.
	Dy. Commr. South Parganas, Dumka.	SHAMSHERGANJ (DHULIYANJ) p-o.	9	62	A village; supplies on notice; abundant good water from the Ganges, in fields on bank of which is extensive C-G.; country and road as in last stage.
		FURRUKABAD	11	73	A small village; supplies on notice; good water from the Ganges, in fields on bank of which is extensive C-G.; country as above; road, 20 ft. wide, unmetalled, but fit for all arms in dry weather.
		PHUDKIPUR 21,000 sq. yds.	8	81	A village; supplies from Rajmahal, 9 m. distant; indifferent water from the Ganges, on bank of which, and near village, is site for C-G.; country, above flood level, cultivated; road unmetalled and unbridged, 18 ft. wide, unsuitable for artillery; across one stream en route by ford in dry weather.
		TINPAHAR 16,000 sq. yds. p-o. r-a.	9	90	A village; supplies on notice; good water from a well 220 yds. S. of C-G., site for which is 2 m. N-W. of village (in Briedobani village) near r-a.; country and road as in last stage, latter partly bridged.
		BARIO	11	101	See Route 83.
	Collector of Bhagalpur, Bhagalpur.	DOE 63,000 sq. yds.	17	118	Country above flood level, open and uncultivated; road as above.
		COLGONG 20,100 sq. yds. p-o. l-a. r-a.	12	130	A village; supplies must be collected; abundant good water from a tank and well near C-G., which is 200 yds. N-E. of village; country and road as above.
		GHOCHA 14,420 sq. yds. p-o. l-a. r-a.	8	138	A small town on right bank of the Ganges; supplies abundant; good water from wells and the river; site for C-G. 180 yds. N-E. of bazar; country low and subject to inundation; road 20 ft. wide, unmetalled, in bad order, but passable for all arms; ferry at Kanallah in rains, one boat, carrying 40 men, available.
		BHAGALPUR 22,476 sq. yds. p-o. l-a. r-a. b.	13	151	A small village; supplies procurable; good water from wells and the river; site for C-G. ½ m. N-E. of village; country and road as in last stage; two nullahs; ferries in rains (two boats at Bhagar nullah, 1st m., one boat at Trimont, 4th m.).
		Total marches, 14 = 151 m.			A small civil stn.; supplies plentiful; abundant good water from wells and hydrants; site for C-G. N. of town; country cultivated, low and subject to inundation; road 20 ft. wide, metalled, and suitable for all arms; one nullah in 2nd. m.; ferry in rains, 27 boats available.

FROM BERHAMPORE TO BHAGALPUR.

via SUTI, SAHEBGANJ AND COLGONG.

AUTHORITY.		Name of stage and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Collector of Murshidabad, Berhampore.			
		BOMUNIA (JIAGANJ).	14	14	
		DEWAN SERAI	10	24	
		KHAMRA	10	34	
		JANGIPUR	8	42	
		SUTI	11	53	See Route 100.
		SHAMSHERGANJ (DHULIYAN).	9	62	
		FURRUKABAD	11	73	
		PHUDKIPUR	8	81	
		RAJMAHAL . 160 x 100 yds. p-o. t-s. r-s. b.	9	90	A village on right bank of the Ganges R.; supplies plentiful; fair water from the river; site for C-G. E. of r-s.; country cultivated; road 18 ft. wide, unmetalled but suitable for all arms; cross one unbridged stream by ford.
		GADAI . 8,600 sq. yds.	13	103	A village near Mahurajpur r-s.; supplies on notice; good water from the Ganges; site for C-G. N. of, and close to village; country intersected by nullahs; road unmetalled, 20 ft. wide, numerous nullahs are crossed (bridges of wood, not strong enough to bear guns), fordable except in rains.
		SAHEBGANJ	11	114	See Route 98.
G. O. C. Presidency District, Fort William.	Collector of Bhagalpur, Bhagalpur.	PIRPAINTI (SEARMARI) . 140 x 70 yds. p-o. t-s. r-s.	15	129	Country and road as above.
		COLGONG	12	141	A small village; supplies on notice; a limited supply of good water from a well 400 yds. N. of C-G., site for which is 240 yds. S. of village; country hilly and much intersected by streams; road unmetalled, 20 ft. wide, crossed by a stream 1 m. from Sahabganj, which has a ferry in rains and temporary bridge at other times; one ferry-boat (capacity 25 mtn) at Moini nullah in 4th m.
		GHOOGHA	8	149	Country and road as above.
		BHAGALPUR	13	162	See Route 100.
		Total marches, 16 = 162 m.			

Route No. 107.

FROM BERHAMPORE TO BOALIA (RAMPUR-BAULEAH).

AUTHORITY.		Name of stage and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Collector of Murshidabad, Berhampore.			
		GOWRIBHAG GHAT.	10	10	A small village; supplies on notice; good water from the Gobra Nadi, on bank of which is extensive C-G.; country cultivated; road metalled as far as Damsburi (6 m), thence unmetalled, 25 ft. wide, fit for all arms; 2 timber bridges over nullahs, crossed en route, will not bear guns; the Gobra Nadi, fordable in dry weather, is crossed by a ferry in the rains.
		HARI RAMPUR GHAT.	7	17	A village; supplies on notice; good water from the Bhyrb R. on bank of which is extensive C-G.; country and road as before; cross the Bhyrb in 7th m., fordable in dry season, ferry in rains.
		MUROHA GHAT . 100 x 100 yds.	9	26	A village; supplies on notice; good water from the Ganges; site for C-G. 2 m. W. of village; country and road as before; the Shealmari R. at Muroha is fordable in dry season, but the Padma at Muroha Ghat is unfordable and must be crossed by ferry (4 boats available).
		BOALIA (RAMPUR-BAULEAH) . (H) 890 x 100 yds., on river bank, 2 m. S. of village. (H) 600 x 250 yds., on race course. p-o. t-s.	7	33	A small civil sta.; supplies on notice; good water from the Ganges; during the dry season the ferry is at Muroha Ghat, and at Muroha (24th m.) in the rains; there are 4 m. of good metalled road to be traversed on left bank, on landing, the stream from Kodalkati Ghat to Boalia and thence save the 4 m. on the left bank.
		Total marches, 4 = 33 m.			

Route No. 108.
FROM BERHAMPORE TO DINAJPUR.
via GODAGARI, PARBATIPUR AND PRAMSAGAR.

69

ARTHOGRAPHY.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William. Colr. of Muzhidabad, Bahal, Berhampore. Colr. of Rajshahi, Moulvi. Collector of Dinajpur, Dinajpur.		BONUNIA (JIAGANJ).	14	14	See Route 106.
		LALGOLA . .	13	27	A large village; supplies plentiful; abundant good water from the Kolkoli stream, on bank of which is extensive O-G.; country level and cultivated; road raised, unmetalled, width 16 to 20 ft., in fair order; pass Dewan Sarai at 10½ m.
		GODAGARI . . p-o.	6	33	A large village; supplies on notice; good water from the Ganges, on the bank of which is extensive C-G.; country low-lying; road bad, not passable in wet weather; cross the Kolkoli, unbridged, fordable except when in flood, on starting.
		DIGBAEN . .	6	39	A small village; supplies on notice; water plentiful; spacious C-G. in fields near village; road as before.
		NIZAMPUR . .	11	50	A small village; supplies on notice; plentiful good water; C-G. to any extent in fields; country as above; road bad, liable to floods.
		PARBATIPUR . . p-o.	13	63	A small village; supplies on notice; water plentiful; spacious C-G. in fields; country low-lying and well cultivated; road unmetalled, very bad and almost impassable in wet weather.
		TETULIA . .	11	74	A village; supplies on notice; plentiful, but inferior water from a tank; small site for C-G. W. of road; country jungly; road unmetalled, but fair, bridged, passable for all arms.
		NISCHINTAPUR . . 270 x 40 yds.	9	83	A village; supplies on notice; inferior water, from tanks; site for C-G. W. of road; country and road as above.
		LASHKARHAT . . b.	9	92	A village; supplies on notice; good water from one well and from a tank (indifferent); small site for C-G. near village; road unmetalled and bad.
		ATASS . .	13	105	A village; supplies on notice; indifferent water from a tank, beside which is extensive C-G.; country cultivated; road as above; cross a nullah 1 m. N. of Lashkarhat, fordable, a ferry (1 boat) during the rains.
		PRAMSAGAR . . 1,200 x 60 yds.	11	116	A small village; supplies on notice; good water from the lake; C-G. W. of road; country as above; road fair in dry weather, unmetalled, width 20 ft., passable for all arms.
		DINAJPUR . . 680 x 410 yds. p-o. t-s. r-s. b.	6	121	A civil stn.; supplies procurable; abundant good water from wells; C-G. on plain W. of court-house; country as above; road fair, average width 40 ft., unmetalled, passable for all arms.
		Total marches, 12 = 121 m.			

Route No. 108(a).
FROM BERHAMPORE TO DINAJPUR.
via GODAGARI, PARBATIPUR AND GANGARAMPUR.

ARTHOGRAPHY.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William. Colr. of Muzhidabad, Bahal, Berhampore. Colr. of Rajshahi, Moulvi. Collector of Dinajpur, Dinajpur.		BONUNIA (JIAGANJ).	14	14	See Route 106.
		LALGOLA . .	13	27	See Route 109.
		GODAGARI . .	6	33	
		DIGBAEN . .	6	39	
		NIZAMPUR . .	11	50	
		PARBATIPUR . .	13	63	
		TETULIA . .	11	74	A small village; supplies on notice; plentiful good water from the Parnabhaha R., on bank of which is site for C-G.; road fair, unmetalled, bad in rains width 14 ft.; cross a stream at 4 m., fordable, except after heavy rains, one small boat available.
		NISCHINTAPUR . .	9	83	
		KORDANA . . 400 x 60 yds.	14	97	
		GANGARAMPUR . . 490 x 60 yds. p-o.	13	110	
		SHEORATOLI . .	8½	118½	
		DINAJPUR . .	9½	128	See Route 108.
		Total marches, 12 = 128 m.			Road fair, unmetalled, average width 15 ft., bridged, fit for all arms.

Route No. 109.

FROM BERHAMPORE TO FARIDPUR.

via KUSHTIA AND KUMARKHALI.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampore.	BALI GHAT .	0	0	A small village; supplies on notice; water from the Gobri stream, on bank of which is extensive C.G.; country low and subject to inundation; road metalled for the first 4½ m., but raised, bridged, and suitable for all arms throughout; cross the Gobri (not fordable) at 0 m., by ferry, 2 boats, each carrying 50 men.
		AZIMGANJ .	13	23	A village; supplies on notice; good water from the Sheldam stream, on bank of which is extensive C.G.; country and road as in last stage; cross the Bhayrah at Keshabga (7 m.) by ferry, fordable in dry season; cross the Sheldam R. at Azimganj, fordable, except after heavy rain.
		KARIMPUR .	10	33	A village on bank of the Jalangi R.; supplies on notice; good water from the river, on bank of which is extensive C.G.; country and road as above; the Jalangi R., temporarily bridged, is crossed at end of stage, by a ferry (2 boats, each carrying about 200 mds.) in the rains.
	Collector of Nadia, Krishnagar.	HARISHANKAR .	12	44	A village; supplies on notice; water plentiful; C.G. in fields; road unmetalled, but bridged; cross the Bhayrah stream at 8, and the Matabhanga R. at 7½ m. (both fordable in dry season, ferries in rains).
		DAMURHADA .	11½	55½	A village; supplies on notice; plentiful good water; extensive C.G. in fields; country cultivated; road as before, width 12 ft.
		KUSHTIA . p.c. t.d. &c.	14½	69½	A town; supplies procurable; plentiful good water; C.G., country and road as above. Palna is 10 m. distant from Kushtia.
		KUMARKHALI 600 x 100 yds. p.c. r.d. b.	10½	80½	A town on bank of the Gural; supplies plentiful; abundant good water; C.G. on bank of the river, which is crossed by a ferry (1 boat carrying 25 men) at Kushtia; country and road as above.
	Collector of Faridpur, Faridpur.	MADRUPUR .	11½	91½	A village on left bank of the Chandra; supplies on notice; plentiful good water; C.G. near the river, subject to inundation during rains; road bad, unmetalled and unbridged.
		BELGACHHI r.d.	10	101½	A village; supplies on notice; good water from the Padma stream; paddy-fields available for C.G. in dry season; country inundated during the rains; road unbridged, in a very bad state of repair.
		BITHILA .	0	110½	A small village; no supplies; water abundant; extensive paddy-fields, when not flooded, are suitable for C.G.; country and road as in last stage.
		NIMTALA 75,000 sq. yds.	8	118½	A small village; no supplies; water plentiful; C.G. in paddy-fields when not flooded; country as above; road 10 to 20 ft. wide, unmetalled; cross 2 nullahs en route, the first strongly bridged, the second has a ferry; 1 boat carrying 50 men.
		FARIDPUR . p.c. t.d.	8	126½	A small civil stn. and old emporium on right bank of the Ganges; supplies and good water plentiful; site for C.G. in fields, when not flooded, on bank of the river; country and road as above; nullahs fordable, except after floods.
		Total marches, 12 = 126½ m.			

Route No. 110.

FROM BERHAMPORE TO MALDA.

via BABUPUR AND SHIBGANJ.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampore.	BOMUNIA (JHAGANJ).	14	14	See Route 105.
		DEWAN BARAI .	10	24	
		KHAMRA .	10	34	
	Collector of Malda, Malda.	BABUPUR 80,300 sq. yds.	14	48	A village; supplies on notice; water from the Ganges; C.G. in fields near village country cultivated; road fair, but unmetalled, and liable to be inundated.
		SHIBGANJ 48,400 sq. yds. p.c. t.d.	12	60	A town on bank of the Ganges; supplies plentiful; good water from the river C.G. in fields; country and road as in last stage; cross the Ganges after leaving Babupur, by ferry, 20 boats available, capacity 30 tons.
		MURUMIPUR (BALIA DIGHI). 80,680 sq. yds.	12½	72½	A village; supplies on notice; fairly good water from a tank; C.G. in fields country as above; road unmetalled, 20 ft. wide, fair.
		MALDA 64,680 sq. yds. p.c. t.d.	11½	84	A small civil stn.; supplies plentiful; abundant water from wells, etc.; sit available for C.G. S. of Kachori; country fairly cultivated; road unmetalled except the last 5½ m.
		Total marches, 7 = 84 m.			

Route No. 110(a).
FROM BERNAMPORE TO MALDA.
via GODAGARI GHAT AND SHIBGANJ.

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AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Rayshahi, Murshidabad, Berhampore. Colr. of Malda, Malda. Collector of Malda, Malda.	BOMUNIA (JIAGANJ) .	14	14	See Route 108.
		LALGOLA .	13	27	
		GODAGARI .	6	33	See Route 109.
		NAWABGANJ 53,210 sq. yds.	11	44	
		SHIBGANJ .	10	54	A village; supplies on notice; water plentiful from the Mahanadi R.; open, high-lying land available for C-G.; country jungly; road 20 ft. wide, unmetalled, liable to be flooded in parts; one temporary wooden bridge over a nullah, not passable by field artillery. Country and road as in last stage; the bridges over nullahs will not bear guns; at Nawabganj the Mahanadi R. is crossed by steam-ferry; country boats are also procurable. See Route 110.
		MURHUPUR (BALIA DIGHI). MALDA .	12½	66½	
			11½	78	
		Total marches, 7 = 78 m.			

Route No. 111.
FROM BERNAMPORE TO MIDNAPORE.
via JAMU KANDI, SONAMUKHI AND BISHNUPUR.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampore. Collector of Birbhum, Birbhum. Collector of Bardhaman, Bardhaman. Collector of Bankura, Bankura. Collector of Midnapore, Midnapore.	GAUKARN .	10	10	See Route 105.
		JAMU KANDI .	8	18	
		SHULHAT .	10	28	
		GONATIA .	8	36	
		PIPRATIKORE .	12	48	
		SURUL .	6	54	
		ILAMBABAR .	12	66	
		PANAGAR .	14	80	Country partly covered with jungle; road metalled; cross the Jarada Khal at 14 and the Barkasur R. at 16 m. (both fordable in dry season, ferries in rains) the Dera stream is forded at 16th m., no ferry. See Route 82.
		SONAMUKHI .	11	91	
		BISHNUPUR .	17½	108½	
		BANKAHADA .	8½	117	
		GARHDETA .	7½	124½	
		SALMANI .	17	141½	
		MIDNAPORE .	16	157½	
		Total marches, 14 = 156½ m.			

Route No. 112.
FROM BERNAMPORE TO SOOREE.
via JAMU KANDI AND SAINTHIA.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampore.	GAUKARN .	10	10	See Route 105.
		JAMU KANDI .	8	18	
		BELGAON .	12	30	A village; supplies on notice; good water from tanks; extensive C-G. 400 yds. N-W. of village; country well cultivated, but low and subject to inundation; road 20 ft. wide, unmetalled, bridges not suitable for guns; cross the Mera R. on leaving Jamu Kandi, fordable in dry season, at other times by ferry at Ghuntia Ghat; pass Nowagram at 4½, and Andi at 8 m.

ACTUOSITIES		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C, Presidency District, Fort William	Collector of Burdham, Boree	SAINTHIA 200,000 sq yds p-o t-s, r-s.	18½	48½	A village, supplies on notice; good water from the More R; O-G R of r-s, country high and uncultivated, road unmetalled and heavy near the More, which is crossed at Akalpur (11 m). The river can also be crossed by the ry. bridge.
		BOOREE 200,000 sq yds p-o t-s b	10	58½	A small civil stn., supplies on notice; fair water from tanks and well in police lines, O-G R of town on uncultivated land between the Kalwa and Rangpur roads, country as before; road metalled and bridged, width 20 ft; pass Kouri at 5, and Kikardih at 8 m
		Total marches, 6 =			
		52½ m			

Route No. 113.
FROM BHAGALPUR TO GAYA
and DEOGARH AND NAWADAH

ACTUOSITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Bhagalpur, Bhagalpur	AMARPUR 41,180 sq yds. p-o	18	16	A village, supplies on notice; good water from wells near O-G which is in a mango grove E of village; country open and cultivated, road unmetalled, 18 ft. wide, the timber bridges over nullahs will not bear guns; across the Chandun R. on route, fordable except when in flood
		BANKA 39,620 sq yds p-o	11	27	A large village, supplies available; good water for a battn., from 3 wells in village, in fields ½ m S of which is O-G; country, road, and bridges as above.
		JAMDHA	10	37	A small village on left bank of the Chandun R; supplies on notice; abundant good water from a well and from the river, site for O-G 180 yds S. of village, country hilly, road unmetalled, 16 ft wide, semi-permanent bridges not suitable for guns; the Chandun R. is fordable, except after heavy rain, no ferry.
		JETPUR 60,000 sq yds p-o	18	60	A village, supplies on notice, fair water from a stream in the neighbourhood, or from a tank 60 yds E of O-G, which is S of village; country and road as in last stage, cross several small nullahs, all fordable with ease in dry season, but difficult in rains.
	Collector of Deogarh, Deogarh	DEOGARH 186 x 95 yds. p-o t-s	29	89	A municipal town, supplies plentiful, good water from wells and the Sirganga tank; site for O-G on the N side of Dumka road; country stony; road 24 ft wide, metalled for 6 m, fit for all arms.
		PUNASI 300 x 200 yds.	10	72	A village, supplies procurable; good water from tanks during the rainy season, at other times water must be got by digging in the bed of the Adjai R. about ½ m. distant; O-G close to village; country, road, and bridges as in last stage; cross the Dharwa R in the 2nd, and the Adjai in the 10th m; both unfordable for 24 hrs. after heavy rain
		CHAKAI p-o.	10	82	A large village, supplies on notice, good water from wells in vicinity of O-G, small site for which is in a mango grove ½ m N of village; country uncultivated and under cultivation, road unmetalled, 10 ft wide
		CHUTRO	11	83	A small village, supplies on notice, good water from a reservoir about 200 yds. N of small O-G small site for latter available E of village and S. of road; country jungle with some cultivation, road unmetalled, 18 ft wide, unsuitable for artillery, cross the Adjai R at 4 m by ford
	Collector of Hazaribagh, Hazaribagh	KHERODIH (KHEJUR)	11½	104½	A small village, supplies on notice, good water from wells, land available for O-G about ½ m E of village, country open and cultivated; road as above, p-o is 8 m distant.
		GUMGI	18½	119	A small village; supplies on notice; good water from the Sakri R, land available for O-G ½ m E of village; country and road as in last stage
		MUNJNEH p-o	10½	126½	A village on right bank of the Sakri R., supplies on notice, good water from the river, land for O-G available S-E. of village, country hilly and jungle, road as above, cross the Sakri R on starting, fordable except in rains
		GOBINDPUR p-o	10½	138½	A village; supplies on notice, good water from a well 95 yds N-E of O-G, site for which is in a small mango grove 800 yds S-W of police stn., country as above, road fair, but unbridged and unmetalled; cross the Sakri R soon after starting by ford except after heavy rain, when 1 boat carrying 10 men is available
	Collector of Gaya, Gaya	NAWADAH p-o t-s b	19½	152½	A town, supplies procurable, abundant good water from a well on O-O, a small mango grove N of and adjoining village being available for latter; country level, open and cultivated; road fair unmetalled till within 3 m. of Nawadah, when it joins the metalled road from Rayweli to Nawadah; cross the Khori R. at 9½ m., fordable, except after heavy rain, when 1 boat carrying 10 men is available.
		HASWA p-o.	9	161½	A large village supplies on notice, good water from wells, a mango tree, 160 yds. N W of the village available for O-G, country level and cultivated, road raised metalled and bridged, cross the Khori on starting, and the Dhanapati at 5 m
		WAZIRGANJ p-o.	12	173½	A large village, supplies procurable, good water from a well, two mango groves, one S-E of village and the other near Mirganj village, available for O-G, country and road as above; cross the Dwaia at ½ and the Tangat at 8 m
		BODHGERA	11	184½	A small village, supplies on notice, good water from 2 wells close to O-G, site for which is in a small grove ½ m N-W of village, country and road as above, cross the Penwar R. at 8½, and the Gokhau R. at 9½ m
		GAYA	7	191½	See Route 54
		Total marches 17 =			Country and road as above, cross the Banu at 1½ m, and the Phalgu R just before reaching Gaya
		191½ m			

Route No. 114.
FROM BHAGALPUR TO HAZARIBAGH.
via DEOGARH, KHARAGDIHA, AND DARHI.

73

APPROPRIATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.		
Military.	Civil.		Miles.	Total.			
G. O. C. Presidency District, Fort William.	Collector of Hazaribagh, Hazaribagh.	Colr. of Monghyr, Southern Parg., Dumka.	Colr. of Bhagalpur, Bhagalpur.	AMARPUR . . .	16	16	<p>NOTE.—This road, taking the alternative route from Dhanwar to Jainagar, is in a much better condition than that of Route 113 (a); it is also shorter.</p> <p>See Route 113.</p> <p>A large village; supplies on notice; good water from wells and tanks; site for C-G. E. of village; country jungly at first, then open; road 20 ft. wide, unmetalled, in bad order, and unfit for artillery; cross the Urea (always fordable) at end of stage.</p> <p>A large village; supplies on notice; plentiful good water from wells and from a stream near C-G., site for latter available E. of village and N. of road; country under rice cultivation; road an unmetalled track, unfit for wheeled traffic.</p> <p>A small village; supplies must be collected; abundant good water from a stream E. of C-G., small site for which is available W. of village; country and road as in last stage.</p> <p>A village; supplies on notice; abundant good water from wells near C-G., small site for which is available ½ m. S.W. of village; country and road as above.</p> <p>NOTE.—There is an alternative and preferable route from Dhanwar via Markocha to Jainagar (20 m.).</p> <p>Markocha (15 m.). A large village; supplies procurable; plentiful good water; site available for C-G. E. of village; country under rice cultivation; road 14 ft. wide, unmetalled but suitable for all arms.</p> <p>Jainagar (13 m.). Country and road as above.</p> <p>See Route 266.</p> <p>Country jungly; road 20 ft. wide, metalled and bridged, fit for all arms; cross 4 streams, substantially bridged.</p> <p>A small village; supplies on notice; plentiful good water from a well in b. compound, and from a stream; site available for small C-G. E. of b.; country jungly and hilly; road as in last stage.</p> <p>A civil stn. and old cantonment; supplies abundant; plentiful good water from wells close to C-G., small site for which is on the old parade ground; country and road as above; pass Rijua at 6½ m.; at 8 m. a road branches off E. to Ichak, an important place, distant 2 m.</p>
				BANKA . . .	11	27	
				JAMDHA . . .	10	37	
				JEYPUR . . .	13	50	
				DEOGARH . . .	12	62	
				PUNASI . . .	10	72	
				CHAKAI . . .	10	82	
				CHUTRO . . .	11	93	
				KHARAGDIHA 5,000 sq. yds. p-o. b.	6½	99½	
				DHANWAR . . . 7,200 sq. yds. p-o.	16	115½	
				RHESMI . . .	14	129½	
				JAINAGAR . . . p-o. b.	14	143½	
				DARHI . . .	16	160½	
				SURAJPURA b.	8½	167½	
HAZARIBAGH 7-2-1-4. b.	14	181½					
Total marches, 15=				181½ m.			

Route No. 114 (a).
FROM BHAGALPUR TO HAZARIBAGH.
via DEOGARH, KHARAGDIHA, GIRIDIH, AND BAGOPAR.

APPROPRIATE.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Bhagalpur, Bhagalpor.	AMARPUR . . .	16	16	See Route 113.
		BANKA . . .	11	27	
		JAMDHA . . .	10	37	
		JEYPUK . . .	13	50	
		DEOGARH . . .	12	62	
	Colr. of Nouahy, Southern Parg., Dumka.	PUNASI . . .	10	72	
		CHAKAI . . .	10	82	

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Hazaribagh, Hazaribagh.	CHUTRO	11	98	See Route 118.
		KHARAGDIRA	6½	99½	See Route 114.
		CHAKGARHA	12	111½	A village; supplies on notice; good water from a well 400 yds. N. of C-G., site for which is available about ½ m. S. of village; country and road as before.
		GIRIDIH p-o. t-s. r-s. b.	14	125½	A town; supplies procurable; good water from wells and tanks on C-G., small site for which is available 300 yds. from the kachari building; country and road as above; pass Paharpur at 10½ m. Katharbari coal mines are 2 m. S.
		PIETAND 7,800 sq. yds. p-o. b.	14½	139½	A small village; supplies on notice; water scarce and bad in dry season; land available for C-G. 100 yds. W. of b.; country hilly and jungly; road metalled, bridged, 20 ft. wide, difficult for wheeled traffic, except in dry season, on account of foundations; cross the Barakar R. at 8 m., by ford in dry season, by ferry (2 boats, each carrying 10 men) in the rain.
		DUMRI	12½	152	Country and road as in last stage; pass Dhanwatal at 5½ m. See Route 264.
		BAGODAR	11½	163½	
		BHELWARA	9½	173½	A village; supplies on notice; limited supply of good water from a well S. of C-G., small site for which is available N. of road, and about ½ m. from village; country hilly and jungly with occasional clearings; road as in last stage.
		HURLI 10,000 sq. yds.	11	184½	A large village; supplies on notice; abundant good water from a tank close to C-G., site for which is about ½ m. from village; country and road as in last stage.
		HAZARIBAGH	11½	196½	See Route 114. Country and road as above.
		Total marches, 17=			
		195½ m.			

Route No. 115.
FROM BHAGALPUR TO JANGIPUR.
via COLGONG, NAHESHPUR, AND MURARAI.

ATTRIBUTES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bhagalpur, Bhagalpur. Deputy Commissioner, Southal Parg., Dinah. Collector of Murshidabad, Dinah. Collector of Midnapore, Dinah.	GHOGHA .	13	13	See Route 106.
		COLGONG .	8	21	
		DOE .	12	33	
		BARJO .	17	50	For other remarks see Route 106.
		NOWGAON .	7	57	
		BARHAIT .	7	64	See Route 98.
		KUCHPURA . 40,000 sq. yds.	7	71	
		HIRANPUR . 400 x 160 yds. p-o.	9	80	A village; supplies on notice; abundant good water from a well and tank near C-G., which is N. of village; road as above; cross 5 unbridged streams (fordable) en route.
		MAHESHPUR . 7,000 sq. yds. p-o.	16	96	A large village; supplies abundant; water from the Bandai R., on bank of which is site for C-G.; country as above; road 20 ft. wide, unmetalled, good and bridged, but not suitable for artillery.
		MUBARAI . p-o. t-s. r-s.	7	103	A village; supplies available; good water from tanks 600 yds. S-E. of extensive C-G., which is on open ground 2 m. N. of village; country open; road 18 ft. wide, unmetalled, but fit for all arms in dry weather.
		JANGIPUR .	15	118	See Route 106. Country open and cultivated; road 20 ft. wide, unmetalled, but good, bridged, and passable for all arms; the Khurukhari stream, close to Jangipur is crossed by ferry from June to October.
		Total marches, 11=			
118 m.					

Route No. 116.
FROM BHAGALPUR TO MALDA.
via COLGONG, RAJMAHAL, AND NOWGURIA.

75

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Presidency District, Fort William.	Colts. of Bhagalpur, Bhagalpur, Or. Comers, Bhagalpur, Dumka, Colts. of Malda, Sonthal Parg., Malda.	GHOOGHA . .	13	13	See Route 106.	
		COLGONG . .	8	21		
		PIRPAINTI (SEARNARI) . .	12	33		
		SAHEBGANJ . .	15	48	For other remarks see Route 93. See Route 106 (a).	
		GADAI . .	11	59		
		RAJMAHAL . .	13	72		
		NOWGURIA 16,000 sq. yds.	18	85	A village; supplies available; good water from the Kalindri R.; site for C-G. in fields W. of village; country cultivated; road 20 ft. wide, unmetalled, but bridged and suitable for all arms.	
		MALDA . .	11	96		
		Total marches, 8=				See Route 110. Country level, cultivated, subject to inundation near the river; road as in last stage the Mahs Nadi is crossed by ferry at end of the march.
		96 m.				

Route No. 117.
FROM BHAGALPUR TO MONGHYR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colrs. of Bhagalpur, Bhagalpur, Monghyr.	AFZULGANJ 17,880 sq. yds.	12	12	A small village; supplies on notice; plentiful good water from wells; small C-G. in a mango grove between village and the Kolgama stream; country open and cultivated, but subject to inundation; road metalled for first 1½ m., 16 to 30 ft. wide, fit for all arms; the Guma stream is crossed at 4 m. by ferry (2 boats). A r-s. and p-o. at Sultaganj, distant 1½ m.
		MAHADEWA 150 x 100 yds.	12	24	A village; supplies on notice; good water from wells; site for C-G. S-E. of village; country level and cultivated; road 24 ft. wide, metalled and bridged, fit for all arms. A r-s. and p-o. at Bariarpur, distant 1 m.
		MONGHYR 26,000 sq. yds. p-o. t-s. r-s.	11	35	A civil stn. and old cantonment; supplies plentiful; good water from wells and the Ganges; site for C-G. at Safa Sarai, 2 m. S. of town; country jungly in places; road as above.
		Total marches, 3=			
		85 m.			

Route No. 118.
FROM BHAGALPUR TO PURNEA.
via COLGONG AND KARAGOLA GHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bhagalpur, Bhagalpur. Collector of Purnea, Purnea.	GHOOGHA .	13	13	NOTE.—The Karagola route having been given up, for movements of British troops only, since the opening of the M. B. R., British troops for Darjeeling should (unless specially ordered) be invariably sent to Calcutta, from which place they will be despatched to their destination under arrangements made by the G. O. C. Presidency District.
		COLGONG .	8	21	
		PIRPAINTI (SEARNARI) .	12	33	
		KARAGOLA . 156 x 120 yds. p-o.	6½	39½	See Route 106(a).
		LAKHIMPUR 200 x 100 yds.	9½	49½	
		CHITORIAPIR 360 x 240 yds.	9	58½	A small village on left bank of the Ganges; supplies on notice; good water from the river, near which is site for C-G.; country low, flat and subject to inundation; road metalled and suitable for all arms; cross the Ganges at Karagola, 1 ferry-boat carrying 20 men.
		PURNEA 270 x 220 yds. p-o. t-s. r-s. b.	9	67½	
		Total marches, 7=			A small village; supplies on notice; good water from wells, to be dug on notice; the water in the tank is bad; C-G. W. of road; country and road as above.
		67½ m.			
					A civil stn.; supplies on notice; plentiful good water from 3 wells near C-G., which is on parade ground W. of b.; country and road as before; cross the Kara Kosi en route, by an iron bridge.

Route No. 118(a).
FROM BHAGALPUR TO PURNEA
 and PARBATTIA AND SOWRA GHAT

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Presidency District, Fort William.	Collector of Bhagalpur, Bhagalpur. Collector of Patna, Patna.	PARBATTIA . 11 100 sq yds.	11	11	A village, supplies on notice; water plentiful, site for C G 100 yds N E. of village, country low and cultivated, road metalled for the first 5 m, thence unmetalled, passable for artillery from January to April, cross the Ganges at Barari Ghat, 5 m by ferry, 4 boats, other boats on notice
		SOWRA GHAT 23,230 sq yds	9	20	A village, supplies scarce, fair water from the Kosi R., site for C G 180 yds. E of village, country as before, road 16 ft wide unmetalled, but passable for all arms, except in the rains, cross the Kalbilia R. at 4 m, by ferry of 4 boats, each carrying 100 mds.
		PUTHIA . 10 000 sq yds.	9	29	A village, supplies on notice; good water from the Kosi R., on bank of which is site for C-G, country and road as before, cross the Kosi on starting by ferry
		MURSUNDA 10,000 sq yds.	9	38	A village, supplies on notice, good water from the Baranda R., near the ferry over which is site for C-G; country and road as above, cross the Baranda R. en route, fordable in dry season, ferry in rains.
		PURNEA	12	50	See Route 118
		Total marches, 5 = 50 m			Country and road as before, latter not suitable for wheeled traffic, cross the old Kosi R. at 10 m, fordable in dry weather, ferry in rains.

Route No. 119.
FROM BHAGALPUR TO BANIGANJ.
 and DEOGARH AND JANTARA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Presidency District Fort William	Collector of Bhagalpur, Bhagalpur.	AMARPUR .	16	16	See Route 113
		BANKA .	11	27	
		JANDHA .	10	37	
		JEYPUR .	13	50	
		DEOGARH .	12	62	
	Collector of Eastern District, Patna.	BAHERON . 170 x 135 yds.	12	74	A small village, supplies on notice, abundant good water from a well near, and from tanks 1/2 m. from C G, site for which is W of village, country cultivated, road 18 ft wide, unmetalled and unbridged but fit for all arms; nullahs fordable
		PATROL . 185 x 120 yds.	6	80	A small village, supplies on notice, good water from 3 wells 1/2 m from C G, site for which is E of village, country, road, and nullahs as in last stage
		KAROUN . 1 200 x 800 yds.	10	90	A large village; supplies on notice, abundant good water from two tanks in vicinity of C G which is E of village, country road, and nullahs as above
		JANTARA . 7,800 sq yds p-o r-a.	14	104	A large village; abundant good water from a well in hospital compound, and from a tank near r-a, E of which is site for C-G; country, road, and nullahs as before.
		MIHJAN . p-o r-a	9	113	A village; supplies on notice, good water, for a battn, from a well in r-a compound, E of which is extensive C G, country and road as above
		DOMGHANI . 60,000 sq yds.	14	125	A village, supplies on notice; abundant good water from a tank, C G in fields round village, country open and cultivated; road unmetalled, but fit for all arms
		BANIGANJ	12	137	See Route 84
		Total marches, 12 = 187 m.			Country and road as above, but last 3 miles of latter metalled

Route No. 120.
FROM BHAGALPUR TO SOOREE
 and BANSI AND DUNKA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Presidency District, Fort William	Collector of Bhagalpur, Bhagalpur.	PURANI . 6,430 sq yds. p-o.	8 1/2	8 1/2	A village, supplies on notice, limited supply of fair water from a well 300 yds S W of C G, site for which is 80 yds E of Bansi; country well cultivated, road metalled and bridged fit for all arms
		DANGAON . 60,000 sq yds b	12	20 1/2	A very small village, supplies must be collected, good water from a well in b. compound, and from a stream 400 yds S of C-G, which is 400 yds. S of village, country and road as in last stage
		BOUSI .	12	32 1/2	A village; supplies on notice, abundant good water from wells, small site for C G 120 yds S W of village, country rather hilly; road as above.
		JANDHA .	8	40 1/2	Country and road as above, cross the Chandan R., unbridged near Jandha, fordable except in the rains, no ferry
		JEYPUR .	13	53 1/2	See Route 113

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C., Presidency District, Fort William. Collector of Burdham, Sourah.	Dy. Commr. of Southern Parganas, Dundera.	HASDIHA . . .	9	62½	See Route 73. Country as before; road metalled and bridged, fit for all arms.
		NANIHAT . . . P.O.	8½	71	A large village; supplies plentiful; abundant good water from wells on small C-G, and from a stream; country and road as in last stage; cross three streams, all fordable.
		PIPIRA . . .	8½	79½	A small village; supplies scarce; good water from the river ½ m. S. of small site for C-G, which is E. of road; country and road as above; two nullahs are weakly bridged, guns would have to cross these by ford.
		DUNKA . . .	8½	88	See Route 74. Country and road as above; cross the Bherbhuri R., fordable except for 3 hrs. after heavy rain, at 2½ m.
		RANIBAHAL . . .	13	101	A small village; supplies on notice; abundant good water from a tank on C-G, small site for which is 200 yds. E. of road; country and road as above.
		KENDULI . . . 20,000 sq. yds.	10½	111½	A village; supplies from Sooree; good water from the More R. ½ m. N-E. of C-G, latter in fields ½ m. N. of village; country and road as before; cross the More at 10 m., fordable except in rains, when there is a ferry of one horse carrying 20 men.
		SOOREE . . .	7½	119	See Route 112. Country and road as in last stage.
		Total marches, 12 = 119 m.			

Route No. 121.
FROM BIJNOR TO SRINAGAR, in Garhwal.
via NAJIBABAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilund District, Bareilly.	Colly. of Bijnor.	KIRATPUR 900 x 220 yds. p-o . . .	10	10	A small town; supplies on notice; plentiful good water from a well 200 yds. S-W. of C-G, which is in a grove E. of town; country cultivated; road unmetalled, but raised, bridged, and practicable for all arms, sandy in vicinity of Suabari.
		NAJIBABAD 25,500 sq. yds. p-o. t.s. r-s. b. . .	12	22	A small town on left bank of the Malin R.; supplies on notice; abundant good water from wells in vicinity of C-G, site for which is in a grove 1 m. N-E. of town; country and road as above.
		KOTEDWAR 14,820 sq. yds. p-o. t-s. b. . .	16	38	A village; supplies on notice; good water from the Koh stream, 50 yds. N. of site of C-G, latter being N. of road; country flat; road 16 ft. wide, unmetalled, but practicable for all arms; two streams are crossed en route, one fordable, the other bridged.
		DOSADDA 350 x 125 yds. p-o . . .	8½	46½	A village; supplies on notice; plentiful good water; C-G. W. of road; country hilly; road 8 to 12 ft. wide, ruling gradient 1 in 12, fit for mule transport.
		DADOMANDI b. . .	5½	51½	A small village; supplies on notice; abundant good water obtainable near C-G, small site for which is W. of b.; country and road as above.
		BILKHET b. . .	19	64½	A small village; supplies on notice; good water from the Nayar R.; small site for C-G. N. of suspension bridge; country mountainous; road as in last stage, ascends for 6 m. and descends from Dwarikhel to Bilkhel, gradient, in both cases, about 1 in 6.
		ADWANI b. . .	9½	74½	A small village; supplies on notice; a limited supply of good water from a stream near small C-G, which is N-E. of b.; country and road as before, latter rises the whole way.
		PAURI . . .	8½	83½	Country and road as before, latter nearly level with exception of a steep descent in last mile.
		SRINAGAR . . .	8	91½	See Route 40.
		Total marches, 9 = 91½ m.			

Route No. 122.
FROM BIKANER TO BAHAWALPUR.
via NOGARH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Bahawalpur Territory.	Political Agent at Bahawalpur.	From BIKANER to SISARAH, 6 marches.	—	—	Up to Sisarah, see Bombay Route Book No. 107.
		BHAIWALA TOBA	0	0	A small village; no supplies; forage scarce; limited supply of brackish water from one well; in rainy season 8 tanks; no road, only a camel track through sand hills.
		MOJGARH . .	14	28	A town with a fort; supplies on notice; fair water from wells and (in rains) from a tank; country and road as above.
		POWARWALA . .	32	56	A deserted village; no supplies; forage and water scarce, latter (brackish) from 4 wells and (in rains) from a tank; country and road as above.
		BAHAWALPUR p-o. t-s. r-s. b.	14½	69½	A town; supplies and good water abundant; extensive site for C-G. near town; country and road as above. For roads from Bahawalpur to Jacobabad and Nasirabad, see Bombay Route Book Nos. 211 and 244, respectively.
		Total stages, in Bahawalpur, 4=69½ m.			

Route No. 123
FROM BOALIA (RAMPUR-BAULEAH) TO DINAJPUR.
 via MANDA AND MOHADEBPUR

AUTHORITIES.		Name of place and site of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Rajshahi, Boalia Collector of Dinajpur, Dinajpur	DEWARI 800 x 50 yds.	10	10	A small village on bank of the Dewari khal, supplies on notice, water from the khal bed and good water (limited in dry season) from a small spring W of a d close to village, near which is site for C G; country level, open and cultivated, road 20 ft wide unmetalled, but in dry weather fit for all arms <i>pass</i> by a about half way and across the khal by a temporary bamboo bridge or ford in dry weather, by ferry (1 small boat) in the rains
		TANOR 100 x 100 yds. 300 x 200 yds p-o b	10	20	A large village and police stn, supplies on notice, abundant good water from numerous tanks within $\frac{1}{2}$ m of village, $\frac{1}{2}$ m N or S of which are suitable sites for C-G; country and road as above, nullahs and streams fordable, except after heavy rain
		MALSERA 440 x 200 yds p-o	8	28	A village on the Subnadi stream, supplies on notice; good water from the stream in open fields on bank of which is C G, country and road as above, nullahs strongly bridged, cross the Subnadi, by ford in dry season, by ferry (1 small boat) in the rains
		MANDA 500 x 200 yds. p-o	11	30	A village and police stn on the Atrai R. supplies on notice, good water from the river near bank of which and N of village is C G, country, road, and nullahs as in last stage
		MOHADEBPUR 500 x 280 yds p-o	10	40	A village, supplies on notice, good water from the Atrai R. on left bank of which, and opposite thana, is C-G country and road as above, cross the Atrai (sometimes fordable) on starting by ferry 1 boat carrying 500 mds. Roads branch off from here to Bogra and Alalda, distant respectively 40 and 46 $\frac{1}{2}$ m.
		PATNITALA 300 x 160 yds p-o	10	50	A small village, supplies on notice, good water from the Atrai, in fields on left bank of which is C G, country as above; road fair; most nullahs have temporary bamboo bridges not suitable for all heavy
		BAJURGHAT 200 x 100 yds p-o b	12	71	A large village, supplies procurable, good water from the Atrai R., C G W of road in Estate Office compound, country and road as in last stage
		PATIRAM 140 x 40 yds p-o	9	80	A small village, supplies on notice, good water from the Atrai, site for C-G in fields E of thana, country and road as before
		CHAMPGANJ 240 x 40 yds.	10	90	A small village; supplies on notice, good water from the river site for C G in fields E of road, country and road as in last stage, cross the Atrai R. at 7 m., fordable, except in rains, when a ferry place
		DINAJPUR	18	108	See Route 108. Country and road as above
		Total marches, 10=			
		103 m			

Route No. 123(a).
FROM BOALIA (RAMPUR-BAULEAH) TO DINAJPUR
 via PARBATIPUR AND FRAMSAGAR.

AUTHORITIES.		Name of place and site of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Rajshahi, Boalia Collector of Dinajpur, Dinajpur	PREMTALI GHAT	12	12	A small village on left bank of the Ganges or Padda, supplies must be collected good water from the river near which, on high land E or W of village, are suitable sites for C G country mostly under cultivation road 20 ft wide unmetalled, but strongly bridged
		GODAGARI	9	21	Country and road as above <i>pass</i> Bargach; at 2 and cross an unbridged gap (fordable, except after flood) at 8 m
		DIGRAEN	6	27	
		NIZAMPUR	11	38	
		PARBATIPUR	18	51	
		TETULLA	11	62	See Route 108
		NISCHINTAPUR	9	71	
		LASHKARHAT	9	80	
		ATASS	13	93	
		FRAMSAGAR	11	104	
		DINAJPUR	5	109	
		Total marches, 11=			
		109 m.			

FROM BOALIA (RAMPUR-BAULEAH) TO MALDA.
via PREMTALI GHAT, GODAGARI, AND SHIBGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rajshahi, Boalia. Collector of Malda, Malda.	PREMTALI GHAT.	12	12	See Route 123 (a). For other remarks see Route 108.
		GODAGARI .	9	21	
		NAWABGANJ .	11	32	See Route 110 (a). For other remarks see Route 110.
		SHIBGANJ .	10	42	
		MUHURDIPUR (BALIA DIGHI).	12½	54½	See Route 110.
		MALDA	11½	66	
		Total marches, 6 = 66 m.			

Route No. 125.

FROM BOALIA (RAMPUR-BAULEAH) TO NATOR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rajshahi, Boalia.	BANASAR 300 x 300 yds. b.	11	11	<p>NOTE.—This route was formerly carried on to Bogra, but on account of the large jheels met with, which inundate and render the country generally impassable, the road beyond Nator is abandoned. Troops, however, could entrain at Nator for Saittanpur (about 4 m. from Adamdighi), then proceed to Bogra by Route 126 (a).</p> <p>A village; supplies on notice; water from a large tank and masonry well of 8 ft. diameter; C-G. in a mango grove, close to the road; country low and subject to inundation; road 20 ft. wide, metalled in places; nullahs strongly bridged.</p> <p>A village near the bank of the Musakhan; supplies on notice; good water from the river, close to which and S. of road is site for C-G.; country, road, and nullahs as above; pass Puthia (p-o. t-s.) at 6½ m., and cross the Musakhan at end of stage, by a pontoon bridge in dry weather, by ferry (1 boat carrying 500 mds.) in the rains.</p> <p>A large town and old civil stn.; supplies abundant; plentiful water from tanks and wells in the vicinity; site for C-G. near town; country, road, and nullahs as above; pass Chaudpur at 4 m.</p>
		JHALMALIA 200 x 80 yds.	8	19	
		NATOR 200 x 100 yds. p-o. t-s. r-s. Total marches, 8 = 27½ m.	8½	27½	

Route No. 126.

FROM BOGRA TO DINAJPUR

via KHETLAL AND HILL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bogra, Bogra. Collector of Dinajpur, Dinajpur.	BURIGANJ . 200 x 180 yds. p-o. b.	11½	11½	A village on W. bank of the Nagore; supplies on notice; good water from the river, tanks and wells, the last on C-G.; country open and well cultivated; road 18 ft. wide, unmetalled, but bridged and fit for all arms; cross the Nagore R. towards end of march, fordable in dry season, ferry (1 boat, capacity 20 men) in the rains.
		KHETLAL 600 x 200 yds. p-o. b.	11½	23	
		PANCHBIBI 175 x 125 yds. p-o. t-s. r-s. b.	12½	35½	A village on E. bank of Jabuna R.; supplies on notice; good water from the river, near which is site for C-G.; country and road as above; cross the Tulai and Haramati in the 4th m., both fordable in dry season, ferries (2 boats each) in rains.
		HILL p-o. t-s. r-s.	9½	45	
		CHINTAMAN 30,000 sq. yds. p-o.	12½	57½	A small village; supplies on notice; water from a tank and stream E. of village; site for C-G. in, and N. of police thana compound; country chiefly cultivation; road 14 ft. wide, unmetalled, fair in dry weather, impassable after heavy rain over two unbridged nullahs; cross the Jabuna at 4½ m., fordable, except during rains, when there is a ferry, 1 boat.
		SANJHIA (CHAK GOPAL)	12½	70	
		DINAJPUR .	14	84	See Route 108. Country and road as in last stage.
		Total marches, 7 = 84 m.			

Route No 126(a)
FROM BOGRA TO DINAJPUR.
 via ADAMDIGHI AND MOHADEBPUR

APPROXIMATE		Name of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O O Presidency District, Fort William.	Colr of Bogra Bogra	DUBCHANCHIA 200 x 100 yds p o b	13	13	A large village on W bank of the Nagore supplies on notice, good water from the river wells and tanks, site for C-G near village, country under rice cultivation road 18 ft wide unmetalled bridged fit for all arms; the Nagore R. is crossed at end of stage, fordable except in rains when a ferry (1 boat carrying 20 men) plies
		ADAMDIGHI p o	13	26	A village about 4 m from Sultanpur p-o, supplies on notice, good water from wells and a tank from December to end of June rice-fields available for C-G, country and road as above
		CHAKDORI 400 x 800 yds p o	12	38	A small village; supplies must be collected, water scarce, wells would have to be dug for any considerable body of troops C-G in fields E of a stream country cultivated, with jungle here and there, road as above
		MOHADEBPUR	8	46	Country as before road 16 ft. wide, unmetalled nullahs bridged, fit for all arms
		PATNITALA	10	56	
		BALURGHAT	12	68	See Route 123
		PATIRAM	9	77	
		ORHANDGANJ	10	87	
		DINAJPUR	13	100	For other remarks see Route 103.
		Total marches 8 = 100 m			

Route No 127
FROM BOGRA TO MALDA
 via ADAMDIGHI, MOHADEBPUR AND NITHUR

APPROXIMATE		Name of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O O Presidency District, Fort William	Colr of Bogra Bogra	DUBCHANCHIA	13	13	
		ADAMDIGHI	13	26	
		CHAKDORI	12	38	See Route 126(a).
		MOHADEBPUR	8	46	For other remarks see Route 123.
	Colr of Dinajpur, Dinajpur	GRATNAGAR 400 x 100 yds p-o	14½	60½	A small village; supplies on notice plentiful good water from a tank C-G in rice-fields W of road, country level open and cultivated; road unmetalled, partly bridged, one unbridged, nullah would be impassable in rains
		NITHUR 400 x 200 yds. p-o	8½	68½	A village on the Purnabhaba supplies on notice good water from the river on left bank of which is C-G, country cultivated road as above one nullah to cross, fordable except in rains when a ferry (1 boat) plies
		BULBULCHANDI 70,000 sq yds	14	82½	A village, supplies on notice good water from the Tungun R., C-G in fields; country as above; road unmetalled and indifferent subject to floods in rains; one nullah unfordable in rains, crossed by boat.
		MALDA	9	91½	See Route 110.
	Colr of Malda Malda	Total marches 8=			
		91½ m			Country as above road unmetalled one large nullah the Purnabhaba and the Tungun rivers are crossed on <i>rauts</i> , all unbridged and not fordable large country boats carrying 150 mds each are available at all times

Route No 128
FROM BOGRA TO RAJSHY
 via GOBINDGANJ

APPROXIMATE		Name of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O O Presidency District, Fort William	Colr of Bogra Bogra	MOKAMTALA b	12	12	A small village; supplies on notice; well water good but limited, C-G in fields; country cultivated; road 18 ft. wide, unmetalled, but bridged and fit for all arms cross the Kartika R at 8 m fordable in the dry season, ferry (carrying 80 men) in the rains
		GOBINDGANJ p-o b.	9½	21½	A large village supplies on notice; water from a large tank and numerous wells small C-G in b. compound road 20 ft wide unmetalled but bridged and fit for all arms
		PALASHBARI p-o b	11½	32½	A village supplies on notice small C-G in b. compound where there is a large well with good water there is also a small tank close by, but the water is indifferent road as in last stage cross the Kotakhat on route by a ferry carrying 25 men, two small country boats are also available
		PIRGANJ 12,000 sq yds.	12	44½	A village supplies on notice, good water from the Khalsayan stream on bank of which is site for C-G country and road as above
		Collector of Rajshahi, Rajshahi			

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Burdwan, Rangpur, Raigacher.	MITHAPUR	11	56½	A village; supplies on notice; limited quantity of good water from a well 260 yds. S. of b., round which lies the C-G.; water may be also obtained by digging 6 ft. below the surface; country and road as before.
		100,000 sq. yds. p-o. b.			
		RANGPUR	13	69½	A small civil sta.; supplies plentiful; abundant good water from wells; C-G. E. of the kecheri; country and road as before, but latter metalled for the last 4 m.; the Ghagat R. is crossed at 6 m. (bridged, but not capable of bearing guns); this river is fordable in dry season, but has no ferry in the rains; the Bokra stream and Mahigao canal are strongly bridged.
		36,000 sq. yds. p-o. t-s. r-s. b.			
		Total marches, 6 = 68½ m.			

Route No. 129.
FROM BURDWAN TO BERHAMPORE.
via KATWA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Burdwan, Bardhaman, Murshidabad, Bahrampur.	KARJANA	7	7	A village; supplies on notice; abundant good water from two tanks in vicinity of C-G., latter in fields ½ m. E. of village; country level and cultivated; road 12 ft. wide, metalled, bridged, and fit for all arms; cross the Goeranga nullah at 3½ m.
		50,000 sq. yds.			
		NEGAN	12	19	A village; supplies on notice; good water, for a battn., from a well on C-G., which is ½ m. W. of village; country and road as in last stage; cross the Khureah stream shortly after leaving Karjana, and the Kaader Khal near Negan.
		300 × 200 yds.			
		KATWA	15	34	A town on right bank of the Bhagirati R. at its confluence with the Adjal; supplies on notice; good water from the river; C-G. in fields ½ m. S-W. of village; country and road as above; pass Srikhandas at 9 m.
		300 × 200 yds. p-o. t-s.			
		PLASSEY	11½	45½	Country and road as above; cross the Bhagirati on starting, by ferry (3 boats each carrying 40 men).
		BARWA	19	64½	See Route 104.
		BERHAMPORE	11	60½	A town on the Bhagirati R.; supplies abundant; plentiful good water; spacious C-G. in old N. I. lines, E. of town.
		p-o. t-s. b.			
		Total marches, 6 = 69½ m.			

Route No. 130.
FROM BURDWAN TO JESSORE.
via KALNA AND BANAGHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Burdwan, Krishnagar, Jessore.	BAIKANTAPUR	7	7	A small village; supplies must be collected; fairly good water from a tank close to C-G., latter in fields ½ m. E. of village; country flat, open and cultivated; road metalled for first 4 m. only, 11 ft. wide, bridged, fit for all arms in dry weather.
		40,000 sq. yds.			
		KUCHUT	8	15	A small village; supplies must be collected; good water from tanks ½ m. N. of C-G., which is in fields ½ m. S. of village; country and road as in last stage.
		40,000 sq. yds. p-o.			
		SATGACHI	7	22	A village; supplies on notice; fairly good water from a tank and stream near C-G., which is in fields ½ m. W. of village; country and road as above; cross the Banks, bridged, at end of stage.
		40,000 × 200 yds. p-o.			
		ATGHARA	7½	29½	A small village; supplies on notice; fairly good water from a tank; C-G. in fields ½ m. S. of village; country and road as above; pass Bohar at 2 and Madhupur at 6 m.
		40,000 sq. yds.			
		KALNA	8½	37½	A town on right bank of the Hooghly R.; supplies abundant; good water from the river; C-G. 2 m. S. of village; road as above, the last 6 m. being metalled.
		400 × 100 yds. p-o. t-s.			
		SANTIPUR	6½	43	A town; supplies abundant; good water from the Bhagirati R., on bank of which is C-G. (i), the other (ii) being near police thana; country as before; road unmetalled, 20 ft. wide, bridged and fit for all arms; the Hooghly is crossed by steam-ferry on leaving Kalna; other boats are also available.
		(i) 660 × 400 yds. (ii) 200 × 200 yds. p-o. t-s.			
		BANAGHAT	8½	51½	A small town; supplies abundant; good water from the Churni R., on both banks of which are sites for encampments; country as before, but subject to inundation; road 24 ft. wide, mixed, bridged and metalled, suitable for all arms; the Churni is crossed by ferry (3 boats and 1 raft) at end of march.
		(i) 1,000 × 160 yds. (ii) 800 × 200 yds. p-o. t-s. r-s. b.			
		GOPALNAGAR	14	65½	A small village; supplies on notice; good water from a large tank 800 yds. N-E. of spacious C-G., which is near r-s.; country as in last stage; road 20 ft. wide, unmetalled, bridged, suitable for all arms, but very heavy in rains.
		JOYNTIPUR	9	74½	Country and road as in last stage; the Jasmati is crossed at 5 m., and the Koldah at end of march, both bridged.
		JADABPUR	8	82½	See Route 94.
		JHINKARGACHA	7½	90	
		JESSORE	9	99	
		Total marches, 12 = 99 m.			

Route No. 131.
FROM BURDWAN TO KRISHNAGAR.
 via KALNA AND SANTIPUR.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Burdwan, Burdwan	BAIKANTAPUR .	7	7	See Route 189
		KUCHUT	8	16	
		SATGAOHI . .	7	23	
		ATGHARA . .	7½	29½	
		KALNA . .	6½	37½	
	Collector of N. in. Krishnagar	SANTIPUR . .	5½	43	A small village, supplies on notice, good water from a large tank, on bank of which is extensive C G, country well cultivated, subject to inundation, road 20 ft. wide metalled, bridged, and fit for all arms
		DIGNAGAR p.o.	6	49	
		KRISHNAGAR p.o. &c. b	6½	55½	
		Total marches, 8 = 56½ m.		A small civil stn., supplies abundant good water from tanks in the vicinity, and the Jalangi, on right bank of which is extensive silt (sometimes inundated) for C-G, country and road as in last stage	

Route No. 132.
FROM BURDWAN TO MIDNAPORE.
 via HAJIPUR

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Burdwan, Burdwan	BURAKPUR 50,000 sq yds	7	7	A village, supplies on notice, good water for 500 men from a tank C-G in fields W of road, country open and cultivated; road metalled for last 3 m. only, width 11 ft., bridged, fit for all arms, the Damoda R., fordable in dry weather, is crossed in the 3rd m. by a ferry of 4 boats each carrying 80 men
		UOHALAN p.o.	11	18	A large village; supplies on notice, abundant water from a tank; extensive C-G in fields; country and road as above, pass Amra village at 4 and Begulman at 7 m
		ASHULKHOLA	7	25	A small village supplies on notice good water from wells and a tank; unlimited fields all round available for C-G; country and road as in previous stage, the Darkhaur R. is crossed at 4 m., fordable, except during the rains, when there is a ferry of one boat carrying 60 men.
	Collector of Midnapore, Midnapore	HAJIPUR	10	35	A small village, supplies scanty; good water from wells and a tank; C-G in open fields of unlimited extent, country and road as before, pass Kusarpukur, a large village, at 4 m
		JHANKRA 15,000 sq yds.	10	46	A village, supplies on notice, abundant water from a large tank, near which is site for C-G; country as before, road 16 ft wide, unmetalled and only partially bridged, fit for all arms, cross the Selai R. at 7 m. by ferry, one boat, carrying 80 passengers
		KESHPUR p.o.	12	67	A large village, supplies on notice, abundant good water from a tank, C-G in paddy fields near village, country as before road metalled for last 5 m and bridged throughout, with exception of the Tewan stream (10 m.), which is crossed by ferry, one boat carrying 60 men
		MIDNAPORE	14	71	See Route 82.
		Total marches, 7 = 71 m.			Country as above, road 16 to 20 ft wide, metalled and bridged throughout, suitable for all arms

Route No. 133.
FROM BURDWAN TO SOOREE

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Burdwan, Burdwan	KHAIRAPUR 25,000 sq yds.	13	13	A village, supplies on notice water for 500 men from a tank, C-G in fields, country open and well cultivated; road metalled for last 3 m., thence unmetalled 11 ft wide, cross the Gauranga nullah at 3½ by a brick bridge suitable for all arms, and the Khurek R. at 10 m., fordable in dry season, no ferry
		OAGRAM	8	16	A village, supplies on notice, abundant water from tanks; large C-G on waste land near village, country as above, road as in latter part of last stage.
		BHEDIA 50,000 sq yds p.o. &c.	12	28	A village on S bank of the Adja R., supplies on notice; water from tanks and the river; country and road as in last stage; cross the Kander Khal and the Kumar stream, both strongly bridged.

APPROPRIATE		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Birbhum, Birbhum.	SURUL . . .	6	34	See Route 105. Country as above; road 18 ft. wide, unmetalled; cross the Adjal on starting; fordable in dry season, a ferry in the rains; numerous small nullahs (weakly bridged, but fordable) are crossed in this stage.
		PURANDARPUR p.o.	13	47	A large village; supplies procurable; abundant water from wells and tanks; sections C-G, in fields; country, road, and nullahs as in last stage; the Bal II. is crossed at 2, and the Balsils at 12 m., both always fordable.
		SOOREE . . .	7	54	See Route 112. Country as above; road metalled and bridged for last 6 m.
		Total marches, 6 = 54 m.			

Route No. 134.
FROM BUXAR TO BENARES.
via CHAUSA AND SAKALDIHA.

APPROPRIATE		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	CHAUSA . . .	6	6	None—This route is impassable in the rains. See Route 12.
		DARAH 1,200 x 400 yds. p.o.	4	11	A village; supplies on notice; good water from wells and the Ganges; C-G, in a marshy grove W. of village; country as above; road fair, neither metalled nor bridged; cross the Karamnasa at 3 m. by a permanent ferry, other boats also procurable.
		DILDARNAGAR 500 x 200 yds. p.o. r.s.	12	23	A village; supplies on notice; good water from a well and tank in vicinity of C-G, which is 1 m. W. of village; country and road as before, latter in good order; pass Ghatwar (p.o. r.s.) at 2 m.
		DARFAR 400 x 400 yds. p.o. l.s. r.s.	9	32	A village; supplies on notice; water for 200 men from a well, and (for animals) from the Ganges; C-G, near village; country as before; road unmetalled, in many parts a mere track until at 6 m. it joins a metalled road. Zamania r.s. is passed at 7 1/2 m.
	Collector of Benares, Benares.	SAKALDIHA 600 x 200 yds. p.o. r.s.	14	46	A large village; supplies on notice; water from wells in vicinity of C-G, latter 600 yds. W. of village; country as above; road indifferent, unmetalled and partially bridged; cross two nullahs at 1 and 1 1/2 m., respectively, both bridged.
		JALILPUR . . .	11	57	Country as above; the road joins the Grand Trunk Road at 6 m., whence it has been metalled and bridged. See Route 205.
		BENARES . . .	6	63	
		Total marches, 7 = 63 m.			

Route No. 135.
FROM BUXAR TO DEHRI.
via BHOFUPUR AND NAFRIGANJ.

APPROPRIATE		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	BHOJUPUR . . .	10	10	None—There are three alternate routes; the first two by road, the third by canal— (1) By Etawah, Fungli, Bhatnagar, Kuchina, Karghar, and Sasaram to Dehri, 6 m. (2) By Etawah, Bhatnagar, Buxar, and Sasaram to Dehri, 15 m. (3) By Buxar and Sonner to Dehri, 25 m.; time 12 hrs. Not (1) or (2) are only fair weather roads, have nothing to recommend them, and are not desirable.
		NAW NAGAR 300 x 200 yds. p.o.	12	22	A large village; supplies on notice; water for 200 men from a well, 200 yds. N. of C-G, and for latter in a grove 200 yds. S-E. of village; country cultivated; road metalled and bridged; pass Kurad at 9 and Baslowa at 12 1/2 m.
		TENDONI 600 x 200 yds. p.o.	12	34	A small village; supplies on notice; plentiful good water from a well on S. border of C-G, which is at the junction of the road with the Arrah-Sasaram road; country and road as before; pass Kulanipur at 7 1/2 and Narsingpur at 8 1/2 m.
		NAFRIGANJ . . .	14	48	Country cultivated; road metalled and bridged; pass Gorai at 8, Bullia at 12 m., and other small villages.
		DEHRI . . .	14	62	See Route 85. For other routes see Route 205.
		Total marches, 6 = 66 m.			

Route No. 136.
FROM BUXAR TO SASARAM.
 via BHOJPUR AND NOKHA.

ATTRIBUTES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
S. C. Alhabad District, Alhabad.	Collector of Shahabad, Arrah	BHOJPUR . .	10	10	NOTE—This route is metalled throughout. For alternative routes, see note at head of No. 135. See Route 55. See Route 135 Country and road as in last stage See Route 58 (b). For other remarks see Route 206.
		NAWANAGAR . .	15½	25½	
		BIKRAMGANJ . .	13	38½	
		NOKHA . .	11½	50½	
		SASARAM . .	12½	63½	
		Total marches, 5=			
		63½ m.			

FROM CACHAR OR SILOCHAR TO AIJAL (LUSHAI HILLS).

via JHALNACHERRA, AND THENCE BY RIVER TO SAIRANG.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Cachar, Silchar.	JALINGA b.	14	14	<p>NOTE.—This route is preferable to No. 137(a).—Silchar to Aijal by road.</p> <p>A halting place; supplies from bazar 1 m. S-W. of b.; water from the Baliseri R., but not good for drinking in the dry season; paddy-fields W. of b. available during cold weather for encamping; country under rice and tea cultivation, open and level for first 9 m., then somewhat hilly; road level, unmetalled, 8 to 10 ft. wide, practicable for all arms in the cold weather; pass Rangir Khari at 2, Mahepur at 4, Silkuri at 8, Barikoma at 12, and cross the Baliseri in 14th m.; all streams and nullahs are bridged and can be crossed by artillery.</p> <p>A halting place; supplies procurable; good water from the Moraganj stream in 24th m., also from a well in b. compound; in cold season supply of water is scanty from both sources; land available for C-G. in 24th m. S. of road, after crossing the Moraganj bridge; country hilly in parts, but mostly open and cultivated (tea-gardens and rice); road as above; pass Dwarband (b. and tea-garden) at 4 w.; all streams and nullahs bridged with semi-permanent bridges, capable of carrying artillery; a road leads hence to Hukhendi.</p> <p>A bazar and halting place; supplies procurable; good water from the Morala stream, also from a well in b. compound; supply scanty in dry season; paddy-fields near b. can be used in dry weather for encamping; country and road as before, latter 6 to 10 ft. wide; all nullahs and streams bridged; cross the Kata Khal R. by a ferry carrying 25 men.</p> <p>A village and bazar, called Fenechoberra; supplies procurable; good water from the Kata Khal R. E. of, and also from a large tank N. of G-G., land for latter being available near bazar on both sides of road; the former camp was at the 40th m.; country and road as before.</p> <p>A village and military police post; supplies scanty; good water from the Dalesar R.; land available for C-G. S-E. of b.; country hilly and jungly; road unmetalled, 6 ft. wide, maximum gradient 1 in 10, suitable for mountain guns; all streams and nullahs bridged with semi-permanent bridges; cross the Dalesar at 7 m. by a ferry carrying 25 men; boats holding 3 to 6 passengers and 40 to 60 mds. of baggage, can be obtained at Gugglahorra, Rapachorra, Fenechoberra, and Kukicherra for moving up or down the Dalesar R.</p> <p>The journey to Changsil takes from 6 days in the cold weather to from 10 to 16 days in the rains; small boats of from 40 to 60 mds. can ascend the Dalesar R.; this river, which is the most important one in the N. Lushai Hills, empties itself a mile W. of Salehagra into the Barak and is known by the name of Kata Khal below Katiacherra; all supplies and stores come up this way by boats throughout the year. Changsil was the base for N. Lushai hills, but was abandoned in favour of Sairang in May 1898 and is now quite deserted. There is still a path some 3 ft. wide from Changsil to Sairang. The post comes by boat from Jhalnacherra to Changsil and is conveyed thence by runners through Sairang to Aijal.</p> <p>It is advisable to land at Changsil in the rains and use the road, for it takes at least 8 days to reach Sairang by boat, and the rapids are very dangerous. At Changsil 800 men can camp on bank of the river, if jungle is cleared away.</p> <p>A village (the river base of Aijal), close to which runs the Dalesar or Klong and Sairang rivers; supplies scarce; plentiful good water from the Klong, on banks of which is site for C-G.; during rains the river route is very risky on account of rapids and rocks, land route to be preferred.</p> <p>The hd-qrs. stn. of the Lushai Hills extending over 2 m. on the top of a narrow ridge; limited native provisions and tinned stores in small quantities from shop in bazar, but abundant graving and fodder; small sites for C-G. on parade ground (good water low down the hill), and between the offices and Superintendent's house, water-supply being below latter; country and road as before; cross a nullah at 10 m. by a broad iron bridge.</p>
		MORAGANJ b.	9	23	
		LALA BAZAR p-o. b-a. b.	7	30	
		KATICHERRA p-o. b-a. b.	8	38	
		JHALNACHERRA p-o. b-a. b.	12	50	
	Superintendent of the Lushai Hills, Aijal.	CHANGSIL	60	110	
		SAIRANG 28,000 sq. yds. p-o. b-a.	10	120	
		AIJAL p-o. b-a.	13	133	
		Total stages, 8 = 133 m.			

Route No. 137(a).

FROM CACHAR OR SILOCHAR TO AIJAL (LUSHAI HILLS).

via KANGLAI AND RENGTL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of the Lushai Hills, Aijal.	JALINGA b.	14	14	<p>See Route 137.</p> <p>A halting place, with very scanty accommodation; supplies must be collected; good but limited water from a stream, near which is small site for C-G., but close to the stream, 2½ m. further on is a larger and better site for encampment; country at first cultivated then low, hilly and covered with dense jungle; road as above, but narrower, for 9 m., whence it ascends to Kanglai at an average gradient of 1 in 10; nullahs bridged; pass Dwarband (p-o. b-a.) at 4, Nourband tea-garden at 6, and a forest b. (suitable site for encampment here with good water close by) at 7½ m. From Nourband to Aijal, road only suitable for pack animals and coolies, both procurable in Silchar.</p> <p>A halting place, with little or no accommodation; supplies must be collected; fodder in abundance; good but limited water from streams in vicinity of C-G., small site for which is on left of road and near b.; country as in latter part of last stage; road as before; descend for 8 m. on starting, then ascend for 8 more, and finally run level along a ridge to Rengtl.</p>
		KANGLAI b.	14½	28½	
		RENGTL b.	9½	38½	

ADMINISTRATIVE		Name of stages and kind of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Superintendent of the Jorhat Hills, Ayal	KUKINARA	12½	80½	A halting place; no supplies good but limited water from a small stream 400 yds. S-E of C-G, small site for which is on roadside, country hilly with dense tree and bamboo jungle, road as above, proceed along a ridge for the first 5 m. then descend and run level for 3 m. to a stream, remainder up-hill, cross a stream (bridged) en route
		KOLOSIB b	16	60½	A halting place, no supplies; good but limited water from a stream ½ m. S-E. of b, near which is small site for C-G on a saddle between two ridges; the hills began to get higher in this march, covered with dense jungle; road as above, very much up and down, ruling gradient 1 in 10.
		BOLPUI b	14½	81	A halting place, no supplies; good but limited water from a nullah in the range close to camp, at other times from a stream about ½ m. S-E of C-G, small site for which is near b, country and road as above; ascend for 3 m. gradient 1 in 10, thence, with the exception of one or two zigzags, the road is practically level.
		OHIMLONG	16½	97½	A halting place no supplies plentiful good water from a stream in front of, and just below C-G, small site for which is near b, country and road as before; descend all the way from Bolpui crossing the Tu Tun (fordable) towards end of stage; stream subject to sudden floods when it is unfavorable for 2 to 4 hrs
		DARLUI	18	110½	A halting place, no supplies, plentiful good water from the Darlui stream just below b and near small C-G; country and road as above, descend for 2½ m. to the Polbraung stream, fordable except in case of sudden flood when it is impassable for 2 to 24 hrs., from here ascend for 3 m., thence down-hill gently
		SAIRANG	9½	120½	Country and road as before, ascend for 3 m., gradient 1 in 10, then down hill gently for the rest of the way
		ALJAL	18	138½	See Route 137
		Total marches, 10 = 133½ m			

Route No. 138.
FROM CACHAR OR SILCHAR TO ALINAGAR.
 via LALA BAZAR AND PATHARKANDI

ADMINISTRATIVE		Names of stages and place of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Dr. Comr of Cachar, Silchar	JALINGA	14	14	See Route 137
		MORAGANJ	9	23	
		LALA BAZAR	7	30	
		KATHICHERRA	8	38	
	Deputy Commissioner of Sylhet, Sylhet	DULLABCHERRA p-o t-s b.	12	50	A halting place on bank of the Singla R. supplies procurable good water in the rains from the river, and also from wells in the Dullabcherra tea garden; site for C-G in paddy fields W of road and N of b, country open and cultivated; road, unmetalled bridged throughout, general width 8 ft., not suitable for artillery, passes through the Dewaha Hills, steepest gradient 1 in 8.
		PATHARKANDI p-o t-s b	16	66	A village on bank of the Lungal stream; supplies procurable; good water from the stream, and (for animals) from tanks, site for C-G available in paddy fields, country hilly in parts, road as above, crosses the Lungal near Patharkandi, by a ferry carrying 60 men, this stream is also fordable in wet parts
		FUTNEY Tea Estate	11	77	A halting place, supplies procurable abundant good water from garden wells; C-G on banks of a stream; road as in last stage, the nearest p-o and t-s is at Chundkhira, 6 m. distant.
		OLEYEDON 266 x 200 yds	10	86	A village, supplies not procurable except on market day (Saturday), abundant good water from the Basunderra stream; C-G W of village; country and road as above.
G. O. C. Assam District, Shillong	Deputy Commissioner of Sylhet, Sylhet	HINGAJIYA 600 x 200 yds.	6	92	A halting place; supplies procurable on market days only, viz., Saturdays and Wednesdays, abundant good water from the Fennee stream; C-G E of road; country and road as before
		ALINAGAR 600 x 500 yds	7	99	A village, supplies on market days only, viz., Wednesdays and Sundays, good water from the Lakshma stream, C-G S-E of village, country cultivated, road unmetalled 12 ft. wide, bridged 7 nullahs and the Moni R are crossed en route, fordable in dry season, ferries also available Shamshernagar (p-o t-s) is 2½ m. distant
		Total marches, 10 = 99 m			

Route No. 139.
FROM CACHAR OR SILCHAR TO JOWAI.
 via GUNJONG AND HOT SPRINGS

ADMINISTRATIVE		Names of stages and place of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Dr. Comr of Cachar, Silchar	BARKOLA 24,800 sq yds p-o t-s	10	10	A village; supplies on notice, good water from the Jalinga R., on bank of which and near p-o is site for C-G, country cultivated, road 12 ft. wide, unmetalled, but level and good, nullahs strongly bridged, cross the Barkat at 6 m., by ferry carrying 80 men

ACTIVITIES.		Names of places and site of camping grounds.	Distance.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Aizam District, Shillong.		Deputy Commissioner of Cachar, Silchar.			
		LORNGHEA .	0	10	A halting place; supplies limited; good water from the Jatinga, near which is extensive site for C.G.; country hilly and rugged; road 4 to 8 ft. wide, unmetalled, partially bridged and unsuitable for wheeled traffic; cross the Jatinga at 4 m., by temporary bamboo bridge in dry season, by ferry carrying 20 men in rains.
		HARANGAJU b.	11	20	A small village; no supplies; good water from the Jatinga, on bank of which is extensive site for C.G.; country as above; road neither metalled nor bridged and steep and bad nearly all the way; streams and nullahs fordable except after heavy rain.
		DANEU b.	8	28	A small village; no supplies; good water from the Jatinga, on bank of which is extensive site for C.G.; country hilly and covered with jungle; road fairly level, but not in very good order; streams and nullahs fordable except after heavy rain.
		HAF LONG p.o. b.	9	47	A large village and military police post; supplies limited; good water, for a battn, from wells in village, near which and N. of road is site for C.G.; country as above; road a good unmetalled cart road, ruling gradient 1 in 15; nullahs and streams bridged, but bridges liable to be swept by floods.
		DERALANGDISA .	8	55	A halting place near the Deralangdisa stream; no supplies; plentiful good water from the stream, on bank of which is site for C.G.; country as above; road an 8 ft. bridle path, ascending and descending alternately at steep gradients; cross the Diyang R. (always fordable) at 2½ m.
		GUNJONG 20,000 sq. yds.	9½	64½	A village; no supplies; indifferent limited water from a spring, near which and E. of road is C.G.; country and road as above, latter running along an undulating ridge.
		DEREBAEA .	9	73½	A halting place on bank of the Diyang; no supplies; good water from the river, west which, on side of steep hill, is site for C.G., but jungle would have to be cleared; country hilly and covered with jungle; road, a path up and down the hills, suitable for pack animals.
		BAGHA .	9	82½	A halting place; no supplies; limited good water from a small stream, on gravel bank near which is site for C.G.; country and road as above; cross the Diyang on starting, by ford in dry season, by rafts (lighter up the river) in rains.
		KORONGMA b.	8	90½	An old fortified house; no supplies; plentiful good water from an artificial lake, close to which is site for C.G., but jungle would have to be cleared; country and road as above.
G. O. C. Aizam District, North Cachar Hills, Shillong.		HOT SPRINGS b.	14	104½	A halting place on right bank of the Kopili R.; no supplies; good water from the river, near which is site for C.G., country and road as above.
		KHONENONG 22,000 sq. yds.	6	110½	A village; supplies on notice; plentiful good water from a stream, near which and in middle of village is C.G.; country and road as before; cross the Kopili on starting, by ford except after heavy rain.
		SHANGPING 22,000 sq. yds. b.	14	124½	A village near the Jorom R.; supplies on notice; good water from hill springs and the river, close to which and near b. is C.G.; country and road as before; pass Lalang at about 10 m.
		JOWAI p.o. b.	12	136½	A large village and civil police station; supplies procurable; good water, for a battn, from a spring and well near black-house, S. of which is extensive site for C.G.; animals may be watered from a nullah at entrance to village; country and road as before; streams unbridged.
		Total marches, 14 = 136½ m.			

Route No. 140.
FROM CACHAR OR SILCHAR TO MANIPUR.
via JHIRI GHAT AND THE LENGBA RIVER.

ACTIVITIES.		Names of places and site of camping grounds.	Distance.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Aizam District, Shillong.		Political Agent in Manipur, Cachar, Silchar.			
		LAKHIPUR p.o. b.	14	14	NOTE.—This route is very unhealthy and ought not to be used by troops except in case of emergency.
		JHIRI GHAT l.	10	24	
		MAKRU RIVER .	15	39	A halting place; supplies on notice; good water from the river, on bank of which is site for C.G.; country, ranges of hills covered with dense forests; road, a bridle path, 9 ft. wide; gradient 1 in 10½; cross the Jhiri R. on starting by ferry.
		PARAK RIVER b.	12	51	A halting place; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as above; cross the Makru on starting, fordable in dry season, a floating bamboo bridge conveying 20 men at a time in the rains; in the latter season the crossing is dangerous for animals; at 6 m. pass Kalanaga outpost.
		LENGBA RIVER b.	13	64	A halting place; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as in last stage; cross the Makru on starting by a floating bridge as in last stage; pass Nongba (b.) at 9½ m.
		IRANG RIVER .	10	74	A halting place; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as before; cross the Lengba on starting, by a floating bridge.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Assam District Shillong	Political Agent in Mamrup, Mamrup	KAOPUM b.	8	88	A halting place supplies on notice; fair water from a stream, near which is site for C-G; country and road as above, cross the Irang on starting by a floating bridge; at 6½ m. descend into the Kaopum plain
		LIMATAK RIVER b.	11	99	A halting place supplies on notice, good water from the river, near which is site for C-G, country and road as before
		BISHENPUR b.	14	107	A village, supplies on notice good water from a stream near which is site for C-G, country and road as before, cross the Limatak (fordable in dry season, a floating bridge in rains) on starting
		MANIPUR p-o t-r b	17	124	A civil and military sta. supplies procurable, good water from wells and from the Imphal R., on bank of which is suitable site for encampment; country open and well cultivated, road as above
		Total marches 10=			
		124 m			

Route No. 141.

FROM CAMPBELLPUR TO EDWARDESABAD

via CHOI SHAH MUHAMMAD WALA, KALABAGH, AND LAKI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rawl, Pinda District, Rawal Pinda	Deputy Commissioner of Jhelum Rawal Pinda	CHOI	10	10	Country undulating open and fairly cultivated, road good but cut up in places by ravines, join the road from Attock at 7, and cross the Harrohi (fordable except after heavy rain) at 7½ m See Route 60 For other remarks see Route 3
		LAMBIDHAN (GANDAKAS)	11	21	
		PIND SULTANI	12	33	
		MIANWALA . . .	10	43	A village; supplies on notice; indifferent limited water from wells, in vicinity of which is extensive site for C-G country level, open and well cultivated; road good, but unmetalled and intersected by nullahs (fordable)
		DHANDI	9½	52½	
		NAKA	11	63½	Country and road as above
		SHAH MUHAMMAD WALA.	14	77½	
		NIKI	10	87½	See Route 4
		MARI	17	104½	
		KALABAGH	3	107½	
G O C P F Force, Abbottabad	Deputy Commissioner of Bairan Edwardeabad	KAMATMASHANI	14½	121½	
		ISAKHEL	14	135½	
		DARRA TANG . .	8	143½	
		LAKI	10½	154½	
		NAURANG SARAI.	15	170½	
		EDWARDESABAD	10	181½	
		Total marches, 16=			
		181½ m			

Route No. 142.

FROM CAMPBELLPUR TO KOHAT.

via CHOI, JAND, AND KHUSHALGARH

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rawl Pinda District, Rawal Pinda	Deputy Commissioner of Jhelum Rawal Pinda	CHOI	10	10	For other remarks see Route 141
		LAMBIDHAN (GANDAKAS)	11	21	See Route 60
		PIND SULTANI	12	33	For other remarks see Route 5
		JAND	12½	45½	See Route 5

ACTIVITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. P. P. Poree, Alibhat- nand.	Dy. Commr. of Kohat, Kohat.	KHUSHALGARH . . .	9	54½	See Route 5.
		GUMBAT . . .	16	69½	
		KOKAT . . .	16	84½	
		Total marches, 7 =			
		84½ m.			

Route No. 143.
FROM CAMPBELLPUR TO SHAHPUR.
via FATAHJANG, TALAGANG AND JABA.

ACTIVITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pind District, Rawal Pind.	Dy. Commr. of Rawal Pind, Rawal Pind.	JABI . . .	19½	19½	A village; supplies on notice; plentiful good water from a stream near village, close to which is site for C.G.; country hilly and intersected by ravines; road 20 to 25 ft. wide, unmetalled and unsuitable for artillery; cross the Harroh (fordable, except after heavy rain) during first half of stage, banks steep and rough. See Route 4. Country as above; road neither metalled nor bridged and rough, crossing over the lower portion of the Chita Pahar range; nullahs fordable, except after heavy rain.
		FATAHJANG . . .	11	29½	
		DHUKHAL . . .	14	37½	
		DULLA . . .	14	51½	
		RUPWAL . . .	12	63½	
		TALAGANG . . .	11	74½	
		KITCHI . . .	11	85½	
		JABA . . .	11	96½	
		SODHI . . .	9	105½	
		KATHWAI . . .	8	113½	
		SARIWALA . . .	6	119½	
		KHUSILAB . . .	12	131½	
		SHAHPUR . . .	8	139½	
		Total marches, 13 =			
		139½ m.			

Route No. 144.
FROM CAWNPORE TO BANDA.
via HAMIRPUR.

ACTIVITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Outh District, Jankpur.	Collr. of Cawnpore, Cawnpore.	BOHINU 105.710 a. yds. . .	12½	12½	A large village; supplies procurable; abundant good water from 2 wells near C.G., which is situated W. of road; country cultivated; road raised, metalled and strongly bridged, practicable throughout the year; cross the Ganges canal at 2½, and pass Hamirpur at 10 m.
		GHATAMPUR . . .	19½	29	
		HAMIRPUR 375 x 349 yds. p-o. t-o. b. . .	13½	39½	
		SIMRUPUR 310 x 299 yds. p-o. . .	9½	49½	
		SEOLAR . . .	18	67½	
		BANDA . . .	15	77½	
		Total marches, 6 =			
G. O. C. Bundelkhand District, Agr.	Collr. of Hamirpur, Hamirpur.				A large town; supplies plentiful; abundant good water from wells and the river in vicinity of C.G., which is E. of town; country and mud as above; cross the Janna at 13 m., by bridge-of-boats in the dry season (fit for artillery), by ferry (8 boats, each carrying 300 mds.) in the rains. A small town; supplies obtainable; good water from 2 wells in vicinity of C.G., latter near police thana, and S.W. of village; country as above; road metalled only as far as the Betwa, 1½ m. crossed by bridge-of-boats in dry season, by ferry in the rains. Country as above, road unmetalled, 22 ft. broad; cross the Chandrawal stream at 10 m., fordable in dry weather, a ferry in the rains. See Route 70. For other remarks, see Route 22.

Route No 144(a).
FROM CAWNPORE TO BANDA.
 via AUNG AND CHILLATARA.

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total.	
G O C Oudh District Lucknow	Collector of Cawnpore, Cawnpore, Fatehpur	From the Church to			See Route 208
		MAHARAJPUR	11	11	
		AUNG .	14½	25½	
		JHUNIA 88,666 sq yds	15	40½	
G O C Bundelkhand District, Agra.	Collector of Banda, Banda.	CHILLATARA	14½	55	A large village, supplies procurable; abundant good water from a well on C-G which is N of road country flat, open and well cultivated; road metalled and bridged by acutimble in a month in a year, leave the G. R. Trunk Road at 3 and cross a metalled rd. from Faolpur to K. Jyaba at 7½ m Country and road as above, cross the Jumna towards end of stage, by a bridge of boats in the dry season by ferry (8 boats carrying 280 mds. each) in the rains See Route 29
		PIPRENDA	12	67	
		BANDA	11	78	
		Total marches 6 = 78 m			

Route No 144(b).
FROM CAWNPORE TO BANDA
 via KALPI AND JALALPUR

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total.	
G O C Oudh District Lucknow	Collector of Cawnpore, Cawnpore	Cantonment Church to—			Vorn.—This is a most roundabout route
		SACHENDI 104,640 sq yds p a	18	18	
		BARA 140,460 sq yds b	10	28	
		DIGH 74,646 sq yds b	11	39	
G O C Bundelkhand District, Agra.	Collector of Jalaun, Jalaun	BHOGNIPUR	7	41	A large village, supplies procurable, plentiful good water from a well and tank on C. G., latter N W of village, country and road as in last stage, cross the Bundi stream at 1½ m., and a nullah towards the end of the march, both bridged and fit for all arms. A small village, supplies procurable, good water, for a batta from a well on C-G, which is N W of road country and road as above; pass Mundpur at 5½ and cross the Sangur stream at 8½ m See Route 30 Country as above; road as in last stage
		KALPI	7½	48½	
		ITARA	7	55½	
		JALALPUR	18	65½	
		BEWAR	12	80½	
		NAUDHA	13	93½	
		SIBOLAR	9	102½	
		BANDA	15	117½	
G O C Oudh District Lucknow	Collector of Cawnpore, Cawnpore	Total marches 11 = 117½ m			See Route 78 For other remarks, see Route "a."

Route No. 144(c)
FROM CAWNPORE TO BANDA.
 via KALPI AND HAMIRPUR

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Oudh District Lucknow	Collector of Cawnpore, Cawnpore	SAGRENDI	18	18	See Route 141(b) For other remarks, see Route 30.
		BARA .	10	28	
		DIGH .	11	34	
		BHOGNIPUR	7	41	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandelkhand District, Agra.	Dy. Commr. of Jaloun, Oudh.	KALPI . . .	7½	49½	See Route 70.
		BARNA 800 × 260 yds.	10	18½	A village; supplies on notice; abundant good water from wells and tanks near C.G., latter 50 yds. W. of village; country fairly cultivated; road unmetalled, but bridged; pass Deepura at 8½, and Barkhara at 6 m.
		KURARA 293 × 295 yds. p-o. b.	10	6½	A small village; supplies on notice; fuel, grass, and camel grazing abundant; good water from a well and tank in vicinity of C.G., which is 260 yds. W. of village; country as before; road bad; pass Parousa at 3½ and Surrai at 6 m.
		HAMIRPUR	11	70½	Country broken and intersected; road installed for last 1½ m. and nullahs bridged; at 3 m. pass Jhokhar.
		SUMERPUR	0½	60½	
		SISOLAR . . .	13	10½	For other remarks, see Route 144.
		BANDA . . .	15	117½	See Route 70.
		Total marches, 11 = 117½ m.			For other remarks, see Route 20.

Route No. 145.
FROM CAWNPORE TO CHARKHARI.
via HAMIRPUR AND MAHORA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collr. of Cawnpore, Cawnpore.	BIDHNU . . .	12½	12½	For other remarks, see Route 70.
		GHATAMPUR	13½	26	
		HAMIRPUR . . .	13½	39½	See Route 144.
		SUMERPUR . . .	9½	49½	
		MAUDHA . . .	13	62½	See Route 70.
		KHANNA 210 × 210 yds. p-o.	10½	72½	Country as in last stage; road metalled and bridged; pass Makron at 8 m.
		KABRAI 95,600 sq. yds. p-o. r-r.	12	84½	A small village; supplies on notice; good camel grazing; plentiful good water from a well near C.G., which is 200 yds. E. of village; water for animals from tanks; country and road as in last stage; cross the Chandrawal stream at 3 m.
		MAHORA 61,410 sq. yds. p-o. t-a. r-r. b.	11½	96	A village; supplies on notice; plentiful good water from 2 wells, one on, the other 170 yds. S.W. of C.G., which is 1 m. S. of village; country and road as above.
G. O. C. Bandelkhand District, Agra.	Collr. of Hamirpur, Hamirpur.	CHARKHARI p-o. b.	11½	107½	A small town; supplies procurable; plentiful good water from a well on, and (for animals) from tanks near C.G., which is 3 furlongs E. of town; country partially cultivated; road as above; pass Gogura at 3½, and Karl Pahari at 6 m.
		Total marches, 9 = 107½ m.			A large town and capital of Charkhari State; supplies easily procurable; plentiful good water from 3 wells near C.G., extensive site for which is W. of road and ½ m. E-W. of town; country and road as above; cross the ry. line near Mahora r-r. at 2½ m.

Route No. 146.
FROM CAWNPORE TO ETAWAH.
via SIKANDRA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Cawnpore, Cawnpore.	SACHENDI . . .	13	13	See Route 144(b).
		AKHARPUR . . . 421,000 sq. yds. p-o.	14½	27½	A large village; supplies procurable; abundant good water from 4 wells and a large tank on, and close to C.G., which is near village; country well cultivated; road raised, metalled, and strongly bridged; cross the Bhudi Nadi at 1½, pass Bura at 10 and cross the Ganges canal at 13½ m.
		THANUANTPUR 13,700 sq. yds.	8	35½	A village; supplies procurable; plentiful good water from a well close to C.G., latter near village and N. of road; country as above; road neither raised, metalled nor bridged, very difficult for carts during rains; pass Muhammadpur at 4 and cross the Sengur Nadi at 6 m., fordable in dry weather, a ferry (1 boat carrying 30 men) in the rains.
		SIKANDRA . . .	13½	49	Country and road as in last stage; pass Rasthan at 11½ m.
		AURAIYA . . .	10½	60½	
		ASITNAL . . .	11	73½	See Route 30.
		BAKEWAR . . .	12½	86	For other remarks, see Route 12.
		ETAWAH . . .	14½	100½	
G. O. C. Meerut District, Meerut.	Collr. of Etawah, Etawah.	Total marches, 8 = 100½ m.			

Route No. 147.
FROM CAWNPORE TO FATEHGAREH.
via THE GRAND TRUNK ROAD AND JALALABAD.

APPROPRIATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow. Collector of Cawnpore, Cawnpore. Collector of Fatehgareh, Fatehgareh.		KALIANPUR	8½	8½	See Route 269.
		CHAUBEPUR	8½	17½	
		PURA	12	29½	
		ABAUZ	18½	42½	
		SARAI MIRAN	9½	52½	A large village; supplies abundant; plentiful good water from 2 wells in vicinity of C-G., which is E. of road; country partially cultivated; road as in previous stages. Country and road as before; cross the Kali Nadi (bridged) en route. See Route 77. For other remarks, see Route 16.
		JALALABAD 68,170 sq. yds. p-o.	9½	62	
		KHODAGANJ	9½	71½	
		FATEHGAREH	18½	85½	
		Total marches, 8 = 55½ m.			

Route No. 148.
FROM CAWNPORE TO HARDOI.

APPROPRIATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow. Deputy Commissioner of Unao, Unao. Deputy Commissioner of Hardoi, Hardoi.		UNAO	11	11	See Route 89. Country open; road metalled and bridged, fit for all arms; crosses the Ganges (ry. bridge) at 3 m.
		RAU	7½	18½	A small village; supplies on notice; abundant good water from 2 wells, respectively 320 yds S-W. and 160 yds S. of C-G., site for which is E. of road in a small mango grove; country enclosed and cultivated; road metalled and bridged; pass Dosingar at 8½, and Thana (p-o.) at 6½ m.
		SAFIPUR 128 x 114 yds. p-o.	10	28½	A large village; supplies procurable; good water from 3 wells in vicinity of C-G., site for which is in a mango grove; country as in last stage; road metalled and bridged, except over the Alahut stream (3½ m.), which is always fordable; pass Jamaludinpur at 6½, and Fatehpur at 8½ m.
		BANGANMAU 680 x 160 yds. p-o.	18½	43	A small town; supplies procurable; good water from 2 wells S and E. of C-G., which is in a mango grove N. of town, about ½ m. from the police stn.; country cultivated; road unmetalled, but raised, bridged and passable for all arms.
		MALLANWAN 90,000 sq. yds. p-o. h.	11	59	A large town; supplies procurable; good water, for a battn., from a well on, and a tank near C-G., which is S. of road; country and road as in last stage, but latter difficult for wheeled traffic in rains.
		BILGRAM 210 x 190 yds. p-o. h.	14	67	A good-sized town; supplies procurable; good water from a well on C-G., which is N. of road and near town; country as above; road as in last stage, but under water in the rains.
		MUNJLAPUR 60,000 sq. yds.	8	75	A village; supplies procurable; good water, for a battn., from a well in the village; C-G. E. of road; country as in last stage; road metalled and bridged, liable to floods in rains, but practicable for all arms throughout the year.
		HARDOI 490 x 880 yds. p-o. l-o. s-o.	9	84	A civil stn.; supplies plentiful; abundant good water from 5 wells and 2 tanks in vicinity of C-G., which is named "Quin Bagh," and is situated N. of road; country and road as in last stage.
		Total marches, 8 = 84 m.			

Route No. 149.
FROM CAWNPORE TO JHANSI.
via KALPI, ORAI AND PUNH.

APPROPRIATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow. Collector of Cawnpore, Cawnpore.		SACHENDI	13	13	See Route 144(b).
		RARA	10	23	
		DIGH	11	34	
		RHOGNIPUR	7	41	
G. O. C. Benares District, Allahabad. By Command of Jhansi, Jhansi.		KALPI	7½	48½	See Route 76.
		ATA 500 x 400 yds. p-o. r-o. h.	10½	59½	A village; supplies on notice; good water, for 2 battns., from a large well on C-G., which is N. of road and opposite r-o.; country cultivated; road as before; pass Aowargan at 7½ m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agm.	Dr. Commr. of Jalaun, Oudh.	ORAI 60,000 sq. yds. p-o. t-s r-s. b.	9½	68½	A small town and civil sta.; supplies plentiful; good water, for a battn., from a well in collector's compound; country and road as above; pass Bandha at 8½ and Bahia at 6 m.
		GIRTHEAN 800 × 300 yds.	9½	78½	A village; supplies scarce; plentiful good water from 2 wells on E. side of C-G., which is near village; country and road as above; pass Rina at 8 and Kaithr, at 6 m.
		JAKHOLI 380 × 380 yds.	10½	89½	A village; supplies on notice; plentiful good water from a well on C-G., which is E. of road, liable to be flooded in the rains; country and road as before; pass Ait (p-o.) at 5 m.
	Deputy Commissioner of Jhansi.	PUNCH 280 × 260 yds. p-o. r-s.	9½	97½	A village; supplies on notice; plentiful good water from 2 wells on C-G., which is close to road and village; country flat, open and cultivated; road good, metalled and bridged; pass Peruna about half-way.
		MOTH 40,000 sq. yds. p-o. t-s. r-s.	8½	106½	A village; supplies plentiful; good water from wells near C-G., latter close to village and road; country cultivated; road as above.
		SEMRI 320 × 320 yds.	7½	114	A small village; supplies scarce; good water from 2 wells on C-G., which is close to village; country and road as above.
		CHIRGAON 310 × 285 yds. p-o. t-s. r-s. b.	7½	121½	A village; supplies on notice; good water from 2 wells on C-G., which is close to village; country and road as above.
		BARAGAON 410 × 380 yds. p-o. b.	9½	130½	A village; supplies on notice; good water from 2 wells on C-G., which is close to the village, liable to be flooded during the rains; country and road as above.
		JHANSI	8½	139½	See Route 17.
		Total marches, 15 = 180½ m.			Country chiefly jungle, rocky and hilly in places; road as above.

Route No. 150.
FROM CAWNPORE TO JUBBULPORE.
via HANPUR, MAHOBA AND DANOH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh Dist., Lucknow.	Col. of Cawnpore, Cawnpore.	BIDHNU	12½	12½	For other remarks, see Route 30.
		GHATAMPUR	13½	26	
	Col. of Hanampr., Hanampr.	HANMIRPUR	13½	39½	See Route 144.
		SUMERPUR	9½	49½	
	Col. of Banda, Banda.	MAUDHA	13	62½	For other remarks, see Route 70.
		KHANNA	10½	72½	
	Col. of Hanampr., Hanampr.	KABRAI	13	84½	See Route 145.
		MAHOBA	11½	96	
G. O. C. Bundelkhand District, Agm.	Col. of Hanampr., Hanampr.	SEINAGAR 60,670 sq. yds. p-o.	9½	105½	A village; supplies procurable; abundant good water from 2 wells on C-G., latter E. of, and close to village; country and road as before.
		MALARA 400 × 160 yds. b.	11½	116½	A large village in the Chhatrapur State; supplies on notice; plentiful good water from a well on C-G., which is one furlong N. of village; country hilly and jungly; road as before; the Umrol stream is crossed in 8rd m., fordable over an Irish bridge, except when in flood.
	Political Agent in Bundelkhand, Norgaong.	CHHATARPUR 250 × 160 yds. p-o. b.	11½	128½	A large town; supplies plentiful; abundant good water from a well near C-G., latter 1 m. S-W. of city; country and road as before.
		MATGAON 137,890 sq. yds.	9½	133	A small village; supplies procurable; good water from a well near C-G.; country jungly; road metalled and in good order; pass Laloni at 2½ and Oboka at 6½ m.
		GULGANJ 360 × 123 yds. p-o. b.	11	149	A large village; supplies plentiful; good water from a well N-E. of C-G., which is E. of road; country and road as before; pass Khatro at 2½, Anger at 6½, and cross the Panlari stream at 9½ m.
	Political Agent in Bundelkhand, Norgaong.	MULBARA 38,660 sq. yds. b.	10½	159½	A village; supplies plentiful; good water from 2 wells on C-G., latter near village; country and road as before; pass Mugwari at 3½, and cross the Nagrar Nadi (bridged) at 3½ m.
		SATWA 72,030 sq. yds. b.	6½	166	A small village; fuel and grass plentiful; good water, for a battn., from a well on C-G., which is ½ m. W. of C-G., which is E. of and near village; country thick jungle; road as before for 6½ m., thence a fair weather road; at 3½ m. cross the Katni R., fordable, except when in flood; at 4½ m. the ascent of the Dergon Ghat commence, easy gradient.
G. O. C. Nerbudda Dist., Jubbulpore.	Dr. Commr., Sagar, Sagar.	HIRAPUR 800 × 250 yds.	9½	175½	A village; fuel and grass plentiful; other supplies on notice; good water from a well and tank ½ m. W. of C-G., which is E. of and near village; country thick jungle; road as before for 6½ m., thence a fair weather road; at 3½ m. cross the Katni R., fordable, except when in flood; at 4½ m. the ascent of the Dergon Ghat commence, easy gradient.

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Bundelkhand District, Agra	For Agent, Bundelkhand, Nowpore	BAXWAHO 800 x 250 yds	10	186½	A large village; fuel, gram and grass plentiful, camel grazing scarce; good water, for a battn, from a well 100 yds. E of C-G, which is W of road, country as before, road a fair weather track, first 2 m stony and rough, pass Garhi at 6 and Durrati at 7 m
		BATIAGARH 54,250 sq yds	18	198½	A village; supplies ample, abundant good water from a stream and well near C-G which is S-E of village; country jungly; road unmetalled passable for all arms, winds over a stony, flat near Batnagarh, 1½ m long very difficult and narrow in places gradient 1 in 18, cross several nullahs and the Banah stream en route all fordable
	Deputy Commr of Danoh Dun h	NARSINGARH 430 x 280 yds.	9	207½	A village, supplies procurable, abundant good water from the Sonar R near which and W of village is C-G; country and road as before the Sonar R is crossed in 6th m by causeway, ferry in ruins, 1 large boat to carry 60 and 1 small boat to carry 16 men
		DAMOH	13	220½	See Route 37 Country level and partly cultivated, road metalled for 4 m remainder unmetalled, bridged, suitable for all arms, cross the Kopra R in 5th m pass Kukra in 5th and Umar in 8th m
	Deputy Commr of Danoh Dun h	NOHTA 153 180 sq yds	14	234½	A small village, supplies ample, water for a battn and battery from a well on C-G which is E of village country hilly and jungly, road metalled and bridged suitable for all arms, pass Marutal at 3, Marutal at 6 Abhans at 12 m and cross the B armu R near Nohta
		JABHERA 73 110 sq yds. p-o	11½	246½	A village; supplies ample, water, for a battn and battery, from a well and tank (inter for animals only) on C-G, which is E of village "country and road as before" pass Piparia at 2 Hurdia at 8 and cross the Bidari Ghāt at 9 m
	Deputy Commr of Danoh Dun h	SINGRAMPUR 193 600 sq yds p-o b	9	254½	A large village supplies ample abundant good water from 2 wells in vicinity of C-G which is W of village, country and road as before, pass Husei at 2 m
		KATANGI 114,950 sq yds p-o b	9	263½	A large village; supplies ample good water from a well on C-G inter V of village country undulating and jungly, road as above, pass Jannan at 5 and Kunda at 6 m
	Deputy Commr of Danoh Dun h	BALGHARH 26 020 sq yds	13	276½	A small village, supplies procurable, water, for 2 battns, from a well on C-G, which is S E of village, country level and cultivated; road as before, cross the Hirun R (ferry) at 1 m, by a temporary wooden bridge
		JUBBULPORE	11	287½	See Route 33 Country and road as above; pass through Jubbulpore city at 8 m.
Total marches, 28 =					
				287½ m	

Route No. 151.
FROM CAWNPORE TO LUCKNOW

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow	Deputy Commr of Lucknow, Unao	UNAO	11	11	See Route 39 For other remarks, see Route 143.
		NAWABGANJ P.O.	18	24	A small village; supplies procurable; abundant good water from 2 wells in vicinity of C-G, small site for which is about 1 m N of village; country and road as before, pass Chamrauli at 6½, Burwan at 9, and Nawabganj at 12 m.
	Deputy Commr of Lucknow, Unao	BANTHERA 759 x 550 yds.	12½	36½	A small village; supplies procurable, good water, for a battn from 3 wells on C-G which is ½ m N of village, country and road as before, pass Banulpa at 6½ Hussampur at 7½ and cross the Son R (bridged) at Bani at 8½ m
		LUCKNOW 400 x 300 yds.	12½	49½	A large cantonment and civil station; supplies and water abundant, C-G W of the Right B I Lines, country and road as above, pass the Alam Bagh at 8, and road to the city at 9½ m
		Total marches, 4 =		49½ m	

Route No 152
FROM CAWNPORE TO MORAR
and KALPI JALAUN INDIRKAT AND MAIN

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow	Collector of Cawnpore	SACHENDI	18	13	See Route 144(b). For other remarks, see Route 9.
		BARA	10	23	
	Collector of Cawnpore	DIGH	11	34	
		BHOGNIPUR	7	41	
G. O. C. Bundelkhand Dist., Agra	Collector of Jalaun, Oudh	KALPI	7½	48½	See Route 76
		ATA	10½	59½	See Route 149
		ORAL	9½	69½	

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Q. O. C. Bundelkhand District, Agra. Scindia's Territory, Political Agent at Gwalior, Gwalior.		JALAUN 330 x 200 yds. p-o. t-o. b.	13	81½	A town; supplies procurable; good water, for 3 battns, from 8 large wells N. of C.G., which is S. of road and ½ m. from town; country and road as above; pass Kulkargaon at 3, and Bhitara at 1½ m.
		BANGRA 400 x 400 yds. p-o. b.	10½	92½	A village; supplies on notice; good water, for 2 battns, from 2 wells on C-G., which is W. of canal; country as above; road metalled for first 6 m., remainder unmetalled, but good; pass Charga at 4, Kamara at 5½ and Rura at ½ m.
		MOHANA 160 x 120 yds. p-o.	13½	106	A village; supplies scarce and difficult to collect; good water, for a battn., from 2 wells N. of C-G., site for which is E. of village and 200 yds. S. of road; country barren; road unmetalled, but good for first 6 m., remainder much cut up by nullahs; pass Gopalpura at 8½, cross the Pahuj R. (fordable at) 7, pass Mukoi at 7½, and Chundank at 12 m.
		INDURKI	10½	116½	A large village on right bank of the Sind R.; supplies scarce; good water from the river, on dry gravel bed of which is C-G.; country cultivated; road bad, unmetalled, passing through many ravines; pass Jaganshpura at 6 m.
		AMAIN 62,000 sq. yds.	8½	124½	A good-sized village; supplies scarce; good water, for a battn., from 2 wells near C-G., which is in a grove E. of village; country sparsely cultivated; road as above; cross the Sind on starting, fordable, except after heavy rain, when 2 boats, carrying 30 men each, are procurable; pass Arohar at 6 m.
		DAIGAON 35,000 sq. yds.	11	135½	A village; supplies scarce; indifferent water, for 2 battns, from a well S.E. of C.G., latter N.W. of village, good, but surrounded by marshy ground; country as above; road fair; cross the Eon stream (fordable) at 2, and pass Farmana at 2½ and Mourari at 9 m.
		SEPOWLI 32,000 sq. yds.	13	148½	A good-sized village; supplies scarce; good water from the Besuli R., on bank of which is C-G.; country sparsely cultivated; road bad and tortuous, marshy in rains; pass Atara at 2½ and Dhermad at 8 m.
		MORAR	12½	161	See Route 20.
		Total marches, 15 = 161 m.			Country open, sparsely cultivated; first 4 m. of road very bad, passing through marsh, remainder fair, last 2 m. good, metalled; cross the Besuli R. on starting, pass Ratwar at 4 and Ramnagar at 10 m.

Route No. 152(a).
FROM CANNPORE TO MORAR.
via KALPI, ORAI, KUNCH AND SEONDA.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Q. O. C. Outh District, Lucknow. Q. O. C. Bundelkhand District, Agra. Scindia's Territory, Political Agent, Gwalior Division.		SACHENDI	13	13	NOTE.—This route is impracticable for carts, and a guide is generally required. See Route 145(b). For other remarks, see Route 50. See Route 76.
		BARA	10	23	
		DIGH	11	34	
		DHOGNIPUR	7	41	See Route 149.
		KALPI	7½	48½	
		ATA	10½	59½	
		ORAI	9½	69½	A small village; supplies scarce; good water from a well in village; there is also a well (water slightly brackish) on C-G., which is 300 yds. N. of village; country flat and cultivated; road good and metalled; pass Narora at 8, Usargaon at 5, and Musai at 9 m.
		MURDOI 250 x 200 yds.	12	80½	
		KUNCH 250 x 210 yds. p-o. t-o. b.	8½	89½	
		NADIAGAON 140 x 120 yds.	13	102½	A town; supplies plentiful; good water, for a battn., from well on C-G., which is 1 m. E. of town; country and road as above; pass Puniana at 3½, and Bhulari at 5 m.
		SEONDA 47,000 sq. yds. p-o.	16	118½	A large village with an old fort on right bank of Pahuj R.; supplies on notice; good water, for 2 battns, from a large well on C-G., which is ½ m. E. of village; country as above; road good, but unmetalled; pass Kalir at 4, cross the Kathrauli branch canal at 10, and pass Sikandarpur at 10½ m.
		RATOWAR 24,000 sq. yds.	12	130½	A town with a large fort on right bank of the Sind; supplies plentiful; good water, for 2 battns, from a large well on C-G., which is ½ m. S.E. of town; country and road as before; cross the Pahuj R. at 1, the Sumai R. at Toluhetra, 4½ (both fordable), pass Barai at 5, Akhdwa at 8 and Jalapur at 13½ m.
		DEHUT 600 x 300 yds.	8	138½	A village with a fort on left bank of a small tributary of the Eon; supplies scarce; good water, for a battn., from a well at N.W. corner of C-G., latter lying round fort; country hilly and covered with jungle; road bad; cross the Sind at 1 m. by a ford in front of fort; the ford above the Falls is difficult; 2 boats (holding 30 men each) are available above and 2 below the Falls; pass Magroli at 5, Giana at 7, and Daroli at 8½ m.
		BIJOLI 250 x 60 yds.	13	151½	A village with an old fort; supplies difficult to obtain even with notice; good water, for 2 battns, from wells on C-G., which is in a grove N. of village; country and road as before; pass Tikoli at 2, and Ramnagar at 8 m.
		MORAR	10	161½	A village; supplies as above; water, of doubtful quality, for 2 battns, from a well close to, and S. of village; the usual C-G. is bad, confined, and nearly surrounded by swamp; there is a good extensive site (but no well at hand) available for encampment on road 1 m. E. of village; country generally hilly and jungly; road fair, but passes through difficult ravines; pass Bellara at 4, Djarl at 8, and cross the Besuli R. (fordable) at 9½ m.
		Total marches, 15 = 161½ m.			See Route 20. Country open and uncultivated; road bad; pass Soni at 5 m.

Route No. 153. FROM CAWNPORE TO RAE-BAREIL.

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Oudh District, Lucknow	Dr. Commr. of Unao, Unao.	ACHALGANJ	13	13	Country well cultivated and wooded; road for first 4 m. metalled and bridged, thence unmetalled but raised, in bad repair, but passable for all arms; cross the Ganges by the ry bridge at 2½, pass Banhur at 8, and cross a large nullah (bridged) at 10 m. See Route 39
		BIGHAPUR	10	23	
		BIHAR.	12	35	
		SATAON 275 × 220 yds.	16	50	A village, supplies procurable; abundant good water from 2 wells on and (for animals) from a tank W of O.G., which is E. of road near village; country cultivated, road unmetalled, but raised, bridged, and passable for all arms. There is a p.o. at Garbakhagan, 1½ m. distant. See Route 38 Country as in last stage; road as above except the last 3 m. which are metalled; cross the Sai R. at 12½ m.
		RAE BAREIL	14	64	
		Total marches, 5 = 64 m.			

Route No. 153(a). FROM CAWNPORE TO RAE-BAREIL via PURWA AND SATAON

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C. Oudh District, Lucknow	Dr. Commr. of Unao, Unao.	UNAO	11	11	See Route 39 For other remarks see Route 153.
		BICHHIA	10	21	A small village; supplies procurable, good water, for a batta, from 2 wells on extensive C.G., which is about 1 m. E. of village, there is also a jheel S. of the road, country open and cultivated, road as in last stage, the Cawnpo-Lucknow road is left at 3½ m.
		PURWA 400 × 200 yds. p-o.	10	31	A large village, supplies procurable, plentiful good water from 2 wells, one on, and the other close by O.G., which is N. of village, country and road as above, pass Khora at 3½, Hinda Khora at 4, and Mongat Khora at 4½ m.
		MAURANWAN p-o.	7	38	A large village, supplies procurable; good water for a batta, from 2 wells, one close to and N. of road, and the other opposite dispensary, animals from a pond, small site for C.G. S. of road, country open and slightly cultivated; road (unmetalled but practicable for all arms throughout the year, pass Jayhow at 3 m.
		GULARIAH 485 × 285 yds.	9½	47½	A small village; supplies on notice, good water from 2 wells in the village, O.G. S. of road, flooded to the rains, country open, partially cultivated, marshy; road as in last stage, but from 6th to 8th m. liable to be inundated in rains.
		SATAON	6½	53½	Country and road as above See Route 153. For other remarks, see Route 38
		RAE BAREIL	14	67½	
		Total marches, 7 = 67½ m.			

Route No. 154. FROM CAWNPORE TO SITAPUR. via MIANGANJ AND SANDILA

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C. Oudh District, Lucknow	Dr. Commr. of Unao, Unao.	UNAO	11	11	See Route 39 For other remarks, see Route 149.
		SAKHI.	8	19	A small town, supplies on notice, good water for 1,000 men, from 2 wells situated, respectively, 27 yds. N.E. and 250 yds. S.W. of C.G., small site for which is in a grove E. of road; country enclosed and cultivated, road metalled for first 3½ m. but bridged throughout, pass Badaon at 2½, Pura at 6½ and Bela at 6½ m.
		MIANGANJ 20,000 sq. yds.	9½	28½	A small town; supplies on notice; good water, for a batta, from 2 wells near O.G., site for which is close to road at 8½ m., country as far as Rasulabad (6½ m.) open and uncultivated, thence enclosed and cultivated; road unmetalled but bridged and passable for all arms cross the Tinas at 2 m.
		AURAS 500 × 180 yds. p-o.	9½	38	A large village near the Sai R.; supplies procurable, good water, for a batta, from 2 wells W of C.G., which is E. of road in a grove; country well cultivated and wooded; road as in last stage, pass Kaurwan at 4, Amesa at 6 and cross the Sai R. at 8½ m., bridged, but not suitable for heavy wheeled traffic; the river is fordable at all seasons 100 yds. W of bridge, and 12 boats, carrying 40 mds. each, can also be obtained from Rampur, 2 m. E.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commissioner of Haridol, Haridol.	SANDILA 2,160 × 240 yds. p-o. t-s. r-s.	12	50	A large town; supplies procurable; a limited supply of good water from a well on C-G, which is by roadside; country as in last stage; road neither metalled nor bridged, flooded and difficult for wheeled traffic in rains; pass Mallawan at 8, Sandarpar at 10 and Tekra at 11 m.
		THAN 60,000 sq. yds.	9	59	A small village; supplies procurable; good water from a well on, and from the Betah nullah near C-G, latter being by roadside; country as above; road unmetalled, but raised and bridged, fit for all arms, but liable to be flooded in rains; cross the Loni and Betah streams at 8 and 7 m. respectively; pass Janna at 4, and Mahmudpur at 8 m.
		BENIGANJ 40,000 sq. yds.	8	67	A large village; supplies procurable; good water from a well and tank near C-G, which is by roadside; country as above; road unmetalled and unbridged, flooded and difficult for heavy wheeled traffic in the rains; pass Kuthawan at 4, Maroura at 5 and Majhgaon at 6 m.
	Dy. Commr. of Sitapur, Sitapur.	MISRIKH 88,860 sq. yds. p-o.	10½	77½	A small town; supplies procurable; plentiful good water from a well on C-G, which is by roadside; country as above; road unmetalled and unbridged, flooded and difficult for heavy wheeled traffic in the rains; pass Kuthawan at 4, Maroura at 5 and Majhgaon at 6 m.
		RAMKOT 24,200 sq. yds.	7½	85½	A small village; supplies on notice; abundant good water from a well on roadside; C-G ½ m. S. of village; country level; road as in last stage.
		SITAPUR 380 × 380 yds. p-o. t-s. r-s. b.	8	93½	A small cantonment and civil stn.; supplies plentiful; good water from 4 wells and the Sarain R. in vicinity of C-G, which is 100 yds. S. of Lucknow road, at entrance to Thompsonganj bazar; country and road as in last stage; the Maholi-Sitapur road is joined near the Sarain R. which is crossed by a trestle bridge.
		Total marches, 10=			
		98½ m.			

Route No. 154(a).
FROM CAWNPORE TO SITAPUR.
via UNAO, BANGARMAU AND SANDILA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commissioner of Unao, Unao.	UNAO	11	11	For other remarks see Route 30 See Route 148.
		RAU	7½	18½	
		SAFIPUR . . .	10	28½	
		BANGARMAU . .	13½	42	
		BEHTA 100 × 100 yds.	8½	50½	
	Dy. Commr. of Haridol, Haridol.	SANDILA . . .	14½	64½	A small village; supplies on notice; good water, for a bath, from 2 wells, one 300 yds. W., and the other 400 yds. S. of C-G, site for which is ½ m. from road; country level and open, with occasional cultivation; road, neither raised nor metalled, but nullahs bridged, difficult for wheeled traffic in rains; pass Gonha at 4½, and Mohri Kher at 5½ m. Country as in last stage; road neither metalled nor bridged, 30 ft. wide, flooded and very difficult for wheeled traffic in rains; cross the Sai R. at 1½ m. by ferry, 1 boat carrying 50 men, pass Surahri at 3½, Bhondar at 6½, and Kirlawan at 8½ m.
		THAN	9	73½	
		BENIGANJ . . .	8	81½	
		MISRIKH . . .	10½	92½	
		RAMKOT . . .	7½	99½	
	Dy. Commr. of Sitapur, Sitapur.	SITAPUR . . .	8	107½	
		Total marches, 11=			
		107½ m.			

Route No. 155.
FROM CHAIBASSA TO SAMBALPUR as far as JHALBERA (for remainder see
Bombay Route Book No. 260).
via CHAKRADHARPUR AND JARAIKELA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency Dist., Fort William.	Dy. Commr. of Singhbhum, Chaibassa.	KHUNTPHANI 200 × 100 yds	8	8	A small village; supplies on notice; abundant good water from bunds and wells near C-G, which is 50 yds. N. of village; country hilly; road metalled and strongly bridged; the Roro stream is crossed at 1 m. A village; supplies plentiful; good water from streams, tanks and wells near C-G, latter in r-s. compound; country and road as above; the Sanjal R. is crossed at 6 m.
		CHAKRADHARPUR 300 × 100 yds. p-o. t-s. r-s. b.	8	16	

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Deputy Commissioner of Singhbhum, Chaitassa.			
		ASANTOLIA	8	24	A small village; supplies on notice; abundant good water from a stream near C-G; small site for which is 600 yds. S. of village; country jungly; road neither metalled nor bridged; cross the Sanjoi R. at 8 m., fordable except when in flood.
		SONUA p-o. 1-5. r.s.	6	80	A small village; supplies on notice; abundant good water from a stream, tanks and wells near C-G; small site for which is in r-s. compound; country and road as in last stage.
		DALAIKOLA	6	86	A small village; supplies must be collected; abundant good water from tanks and wells near small C-G; country and road as above.
		THORAI SAU	6	43	A small village; supplies must be collected; good water from a stream, tanks and wells near C-G, limited site for which is 130 yds. W. of village; country hilly and jungly; road as before, but hilly, steepest gradient 1 in 10; cross the Koel R. at 4½ m., fordable except after heavy rain.
		ANANDAPUR p-o.	8	60	A large village; supplies plentiful; good water from two streams and wells near small C-G, latter 700 yds. W. of village; country level; road neither metalled nor bridged, 20 ft. wide, unfit for heavy wheeled traffic; cross the Sapri R. (fordable except after heavy rain) soon after starting.
		BORANGA	7	57	A small village; supplies on notice; abundant good water from a stream near small C-G, latter 120 yds. W. of village; country and road as above.
		JARAIKELA p-o. r.s.	7	64	A small village; supplies on notice; abundant good water from a stream and wells near C-G, limited site for which is on roadside, 70 yds. N-E. of village; country and road as before; cross the Koel at Kopsinga, 6 m., fordable, except after heavy rain, when a small ferry place.
		KURUDA	11½	75½	A small village; supplies on notice; good water, for a bottle, from a well near C-G, small site for which is close to village; country and road as in last stage; pass Disa r-s. at 7½ m.
		GARJAN 12,000 sq. yds.	8½	84½	A small village; supplies on notice; good water from the Brahmini R.; site for C-G S. of village; country and road as before; pass Mourkela at 4, and cross the Brahmini (fordable with difficulty, ferry to carry 6 persons, ry. bridge over river 2 m. N-B.) at 8½ m.
Deputy Commissioner of Sambalpur, Sambalpur.		LAINGARH	11½	95½	A small village; supplies on notice; fair water from the Bar stream, on right bank of which and in a small grove is site for C-G; country and road as before; pass Kulunga at 5½ m.
		JHALBERA	9½	105½	A small village; supplies on notice; very limited water from a tank near village, close to which and S. of road is site for C-G; country and road as before; cross the Bar stream on starting.
		Total marches, 18=			
		105½ m.			

Route No. 155(a).

FROM CHAIBASSA TO SAMBALPUR as far as BALIPASI (for remainder see Bombay Route Book No. 260 (1)).

via JAINTIGARH AND KEONJHAR.

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Deputy Commissioner of Singhbhum, Chaitassa.			
		JORAPUKARIA	10	10	A small village; supplies on notice; abundant good water from tanks and wells 600 yds. N. of C-G; small site for which is 170 yds. N. of village; country jungly; road 28 ft. wide, unmetalled, nullahs bridged, practicable for all arms.
		JOYPUR 200×100 yds.	11	21	A small village; supplies on notice; good water from streams and tanks in vicinity of C-G, which is 80 yds. W. of village; country as above; road unsuitable for heavy wheeled traffic; nullahs not bridged.
		KERONJIA 300×200 yds.	9	30	A small village; supplied from Dama, 4 m. distant; abundant good water from tanks 200 yds. W. of C-G, latter 70 yds. E. of village; country, road and nullahs as above.
		JAINTIGARH p-o.	8	38	A large village on the Byturni R.; supplies on notice; indifferent water from the river, on bank of which, 250 yds. N-W. of village, is small site for C-G; country, road and nullahs as above.
		KALKA PRASAD 1,760×440 yds.	10	46	A village; supplies on notice; indifferent water from a stream in the rain, and from 2 tanks in dry weather close to C-G, latter in fields S. of village; country, forest jungle; road unmetalled, 12 ft. wide; nullahs fordable at all times; p-o. at Jaintigarth 1 m. distant.
		BALIBAND 160×126 yds.	10	56	A village; supplies on notice; good water, for a bottle, from a reservoir and stream 70 yds. E. of C-G, site for which is 300 yds. W. of village; country jungly; road unmetalled, 12 ft. wide, fit for all arms in fair weather; cross 4 unbridged nullahs, fordable except after heavy rain.
		PALASPANGA	10	66	A village; supplies on notice; good water from a stream N. of village, and from a tank near C-G, small site for which is 400 yds. N-W. of village; country and road as above; cross 4 nullahs en route and also the Ardiel R. in 6th m., all fordable, except when in flood.
		KEONJHAR 260×200 yds. p-o.	12	78	A small town; supplies on notice; good water from a tank near C-G, which is 600 yds. E. of village; country, road and nullahs as in last stage.
		GOPINATHPUR	6	84	A deserted village; supplies scarce, 21 days' notice acquired; good water from the Mackkunda R. and from stream S-W. of C-G, site for which is N. of village; country hilly and unsuitably; road unsuitable for troops, gradients steep; cross the Mackkunda at end of stage, by ford except after heavy rain.
Superintendent of the Tributary Mahala, Cuttack.		GOBINDPUR 15,000 sq. yds.	18	102	A small village; supplies on notice; good water from the Girighatti stream; site for C-G S. of road and 200 yds. from village; country as above; road good for first 6 m. to the Byturni R. (always fordable), thence impracticable for wheeled traffic and in places difficult for footmen; gradients very steep over the Tangurpan Ghat.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Supt. of the Military Station, Calcutta.	RANKDAR 1,000 x 500 yds.	7	109	A halting place; supplies on notice; good water from 2 streams, the Makra and Kakhari, at the junction of which is C-G.; country undulating and cultivated; road unmetalled, in bad order and unfit for artillery; cross the Makra (fordable, except in rains) en route.
		BALIPAST 1,200 x 500 yds.	5	114	A village; supplies on notice; good water from the Makra and Kanja streams in vicinity of C-G., which is $\frac{1}{2}$ m. N. of village; country level and cultivated; road unmetalled, 18 ft. wide, in very bad order, practically impassable; cross the Jantia R. (fordable, except during rains) en route.
		Total marches 12 = 114 m.			

Route No. 156.
FROM CHAPRA TO DINAPORE.
via PALEZA GHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Saran, Chapra.	DUMRI 195 x 185 yds.	11 $\frac{1}{2}$	11 $\frac{1}{2}$	A small village; supplies on notice; plentiful good water from a well near C-G., which is close to village and on bank of the Ganges; road metalled and bridged for 3 m., thence unmetalled; pass Cherand at 7 m.
		DIGWARA (MANAPORE) p-o. t-s. r-s.	6 $\frac{1}{2}$	18	A village; supplies on notice; good water, for a battn., from a well close to C-G., which is in a small grove $\frac{1}{2}$ m. W. of village; country open and cultivated; road unmetalled and indifferent, partially raised, is above ordinary, but not above high flood level.
		PALEZA GHAT (on Chapra side of Ganges)	10	28	Present landing stage of E. I. By. for steam-ferry from Digha Ghat (on Patna side); supplies on notice; water procurable from the river; site for C-G. near the ghat; country as before; road in good order, though unmetalled as far as Babugan, $\frac{1}{2}$ m., thence to 8 m., a mere country track, difficult for transport; from this point it is necessary to move across country, there being no road.
		DINAPORE 850 x 270 yds. p-o. t-s. r-s. b.	5	33	A large cantonment and town; supplies plentiful; abundant good water from 8 wells, and a tank (for animals) close to C-G., which is on the R. A. parade ground; country as above; leave Paleza Ghat and cross the Ganges by a steam-ferry carrying 600 men; land at Digha Ghat where there is a r-s.; thence to Dinapore the road is metalled, but in bad repair, passing through an almost continuous harat.
		Total marches, 4 = 33 m.			

Route No. 157.
FROM CHAPRA TO MUZAFFARPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Saran, Chapra.	GARKHA (i) 150 x 180 yds. (ii) 130 x 190 yds.	9 $\frac{1}{2}$	9 $\frac{1}{2}$	A small village; supplies on notice; good water, for 2 battns., from a well near C-G., which is S. of road, and near 8th mile-stone; there is also another encampment site on both sides of the Cherand-Garkha road with a well in vicinity; country open and cultivated; road metalled, nullahs bridged, passable for all arms; pass Mehan at 3, Aloni at 7 m., and cross the Garkha stream (bridged, and also fordable except after heavy rain) at end of march.
		MAKAIR	14 $\frac{1}{2}$	24	A village; supplies on notice; indifferent limited water from a well; C-G. small, W. of road at 24th mile-stone; country as above; road unmetalled, nullahs bridged, passable for all arms in dry season; pass Kutna at 3, and Phulwaria at 10 $\frac{1}{2}$ m.
		BAKRA 140 x 100 yds. p-o.	4 $\frac{1}{2}$	28 $\frac{1}{2}$	A village; supplies on notice; good water from a well and tank near C-G., site for which is 200 yds. W. of village; country cultivated; road as in last stage; cross the Gandak at Rewa Ghat, 1 m., by ferry, 5 large boats, each carrying 50 men.
		MARWAN 180 x 100 yds.	12	40 $\frac{1}{2}$	A village; supplies on notice; good water, for 2 battns., from 2 wells and (for animals) from a tank; C-G. $\frac{3}{4}$ m. E. of village; country well cultivated; road partly metalled, bridged throughout; pass Surya Indigo factory at $\frac{1}{2}$ m. where the Dya stream is crossed by a masonry bridge.
		MUZAFFARPUR 175 x 165 yds. p-o. t-s. r-s.	8 $\frac{1}{2}$	49 $\frac{1}{2}$	A small civil stn. and town on right bank of the Bur Gandak; supplies abundant; plentiful good water from 2 wells on, and (for animals) from a tank 160 yds. W. of C-G., which is $\frac{1}{2}$ m. S-E. of r-s.; country and road as before; latter fit for all arms.
		Total marches, 5 = 49 $\frac{1}{2}$ m.			

Route No. 158.
FROM CHITTAGONG TO AKYAB (BY ROAD AND RIVER).

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Chittagong, Chittagong.	PUTYA	12	12	A village; supplies on notice; good water from a tank and from the Srimoi stream; extensive site for C-G. available on paddy fields 400 yds. S-E. of village; country flat and cultivated; road 10 ft. wide, unmetalled; cross the Kornafuli R. on starting, by a ferry of 1 cattle, and 20 passenger boats carrying 12 men each; 8 strongly bridged nullahs are also crossed en route.
		DAHAZARI	12	24	A village; supplies scarce; good water from the Sangu stream; C-G. as above, S. of road and 200 yds. from stream; country and road as above; nullahs are bridged and fit for field artillery.

ACTIVITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Presidency District Fort William		Collector of Chittagong, Chittagong			
		CHUNATI	15	30	A village, no supplies; good water from 3 tanks, 2 m S. of village and close to C.G. which is on paddy fields, country and road as above, cross the Son, on starting by a ferry of 3 small boats and 1 cattle boat, the nullahs are either bridged or fordable
		CHAKARIA 38 720 sq yds p-o	15	64	A village, supplies must be collected; good water from Matamori R. in field on banks of which is C.G.; country jungle, road as above, the bridges over the nullahs will not bear guns.
		DULABAZARIA	9	68	A village, supplies on notice, good water from the Bagheri stream on bank of which and 400 yds E. of village is site for C-G, country undulating and jungle, road fair, unmetalled, 15 ft. wide; cross the Matamori R. on starting by a ferry of 1 large boat cross also 3 streams and 8 nullahs, bridges temporarily unfit for artillery
		IDGONG	9	72	A village, supplies on notice, good water from the Idgong R. on bank of which and 200 yds E. of village is site for C-G, country as above; road fair, unmetalled 8 ft. wide steep gradient 1 in 15 cross 3 streams and 3 nullahs, of the former 1 stream temporarily bridged not fit for artillery and 3 are crossed by ferries, each consisting of 2 large boats
		RAMU p-o	11	83	A large village, supplies procurable; good water from the English R. on N bank of which and 100 yds. E. of village is site for C-G, country and road as before; cross 3 streams 2 bridged and 1 fordable also 9 nullahs all bridged bridges are temporary and unfit for artillery
		RUMKA	12	85	A village, supplies on notice, good water from tanks and from a stream 400 yds S of C.G. latter in fields 800 yds. N of village, country flat, road as above; cross 6 streams, 4 by ford and 1 by a ferry of a single large boat; 2 nullahs temporarily bridged unfit for artillery
		UKHIA p-o	9	104	A small village; supplies must be collected; abundant good water from a small stream in fields on S bank of which is C-G, country jungle; road as before; cross one river (fordable) and 6 nullahs bridged with small bridges, not fit for artillery
		MAUNGDAW (by water) p-o 1/2 m. h.	85	189	A small town, plentiful supplies, good water for 1000 men from tanks 1 m. N E of C.G., for which there is an extensive site in fields near the river, 1 m from Kachari, country open and cultivated. There is no road from Ukhia now and the journey must be made by boat. Several boats 54 by 14 ft., always available
		BUTHIDAUNG 31,600 sq yds p-o b	14 1/2	158 1/2	A village on the Maya R., supplies on notice from Akyab by launch; good water from a tank 180 yds. N of village and from several wells close by; C-G is composed of dak h., also on waste ground to W country as above; road, metalled 13 ft. total width 50 ft.; cross 2 streams and 67 nullahs, all fordable when not bridged
		AKYAB 130 500 sq yds p-o a	80	238 1/2	A large civil site, supplies in abundance plentiful good water from a small creek, 80 yds N of which is a site for C.G., there is also another encamped site S W of town and 1 m. from the main wharf, country well cultivated. There was an old road 40 or 60 years ago along the coast from Maungdaw to Akhthargaw India, Angmyathar and Yekhaulya but it has been abandoned for many years, the bridges are all broken and the road is unsuitable for troops. The journey must be made by boat, small steamers run three a week taking 10 to 12 hrs., any number of boats of any size available from Akyab on 8 days notice.
G. O. C. Free Deputy District Fort William		Deputy Commissioner of Akyab			
		Total stages 12 = 238 1/2 m.			

Route No. 159.
FROM CHITTAGONG TO LAMA (CHITTAGONG HILL TRACTS).
via CHANDERGONA AND RUMA

ACTIVITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Free Deputy District Fort William		Collector of Chittagong, Chittagong			
		BATHAZARI p-o t	12	12	A large village; supplies on notice abundant good water from a tank 40 yds. E. of C.G., small site for which is in market place 1 1/2 m W of village, no other land available, country cultivated; road 20 ft wide unmetalled, but fit for all arms there are 33 nullahs in this stage, all strongly bridged
		BAOZAN p-o t	8	20	A large village; supplies on notice good water from tanks E of Sultanspur several plots of ground are available for encampment and are quite close to the existing small C.G. which is N W of village; country as above, road unmetalled 16 ft wide, cross the Haldia R. at Sarta Ghut in the 3rd m by a ferry for a "dhoti-poti" and a "nullah" and carrying "dhoti" and "nullah" are crossed en route, bridged as above
		KALIPUR p-o	12	32	A small village, supplies on notice good water from the Isamati R. small C-G at Khann Cheri (80th m) in market place, on river bank; country hilly and jungle, road unmetalled, 12 ft wide, gradients steep in places, nullahs all bridged; cross the Isamati R. in 80th m, fordable except in heavy rains when 1 small boat is available
		CHANDERGONA 600 x 300 yds	11	43	A small village on right bank of the Koraful R. supplies on notice; good water from the river; C-G 4 m. W of village; country as in last stage; road, a mere pathway the bridges over the nullahs are unsuitable for artillery
		BANDARBAN 260 x 200 yds p-o	20	63	A village on the Sangra R., supplies on notice good water from the river, C-G in front of the police post, country, road and nullahs, as in last stage, cross the Koraful R. at beginning and the Sangra at end of stage, by ferry of 1 small boat at each river
		RUMA 300 x 200 yds	18	76	A village supplies on notice; good water from the Sangra R., C-G near police post, country, road and nullahs as before
		LAMA	30	106	A small village no supplies available good water from the Matamori R., on bank of which is site for small C-G 2 m W of village, country and road as above, the Matamori is crossed 6 times, fordable in dry weather, no ferries in rains
		Total marches, 7 = 106 m			
		Deputy Commissioner of Chittagong Hill Tracts, Rangamati			

Route No. 160.
FROM CHITTAGONG TO SIRTHAY TLANG (CHITTAGONG HILL TRACTS).
via HATHAZARI AND RANGAMATI.

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AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William. Deputy Commissioner of Chittagong Hill Tracts, Rangamati.	Colr. of Chittagong, Chittagong.	HATHAZARI	12	12	See Route 159.
		RAOZAN	8	20	
		KALIPUR	12	32	
		RANGAMATI 500 x 800 yds. p-o. t-s.	18½	45½	A small town and hd-qrs. of civil division; supplies on notice; good water from the Kornafuli R., on bank of which, N. of road, and about 400 yds. from town, is O-G.; country hilly and jungle; road unmetalled, 5 to 6 ft. wide, gradient 1 in 10 to 1 in 25; water route from here to Chittagong always available.
		SHULULONG	11	56½	A village; supplies would have to be brought from previous stage or from Chittagong; small O-G. close to road; country and road as above; good water from the Kornafuli R.; cross the Kornafuli on starting, ferry boat, carrying 10 persons, available.
		OLD STOCKADE	11	67½	A halting place; supplies must be obtained from Chittagong; good water from the Kornafuli; O-G. close to road on N. side, very small, but no other site available; country and road as before.
		TEGHA KHAL	18½	86	A halting place on bank of the Tegha Khal; supplies from Chittagong; good water from the river; jungle must be cleared for O-G.; country and road as above; the suspension bridge for foot passengers and cattle over the Tegha Khal is unfit for artillery.
		SIRTHAY TLANG	12	98	A small village; no supplies; good water from the Sirthay stream; jungle must be cleared for O-G.; country as above; road as in last stage as far as Demagiri, 6 m., gradient 1 in 10 to 1 in 15; thence only a foot-path, gradient 1 in 10; cross the Kornafuli R. at Demagiri, unfordable; 200 boats carrying 30 to 200 mds. each are procurable from Chittagong.
		Total marches, 8 = 98 m.			

Route No. 161.
FROM COMILLA TO AGARTALA, in Hill Tipperah.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Tipperah, Comilla.	BAROCHAIL b.	10	10	A village; supplies on notice; plentiful water from a tank close to the b., in compound of which is limited O-G.; road 16 ft. wide, unmetalled, but partly bridged and good; cross an unbridged stream by ferry, 1 boat carrying 20 men.
		NAYANPUR r-s. b.	6	16	A village; few supplies; water from a stream running close to the b., in compound of which is limited O-G.; country liable to inundation; road as above; nullahs bridged; cross a stream unbridged, by a ferry-boat, carrying 26 men.
		KASHA b.	6	22	A village; few supplies; water from a large tank; limited O-G. in b. compound; country, road and nullahs as in previous stages; cross a stream by a ferry carrying 15 men.
		AGARTALA 33,720 sq. yds. p-o. b.	12	34	The largest place in Hill Tipperah; few supplies procurable; good water from a tank and the Dodna It.; O-G. in the Agency compound; road and nullahs as in previous stages; cross 3 unbridged streams by ferry, 1 boat carrying 15 men at each; during the rainy season these streams are temporarily bridged with bamboo. Mogm r-s. is 6 m. W. of Agartala.
		Total marches, 4 = 34 m.			

Route No. 162.
FROM COMILLA TO NOAKHALI.
via BEGANGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Tipperah, Comilla. Collector of Noakhali, Noakhali.	BAGMARA . b.	9	9	A village; supplies procurable; good water from tanks; limited O-G. in b. compound and on road-side; road, unmetalled with the exception of 1 m., bridged and fit for all arms.
		LAKSAM . p-o. r-s. b.	7	16	A village; supplies procurable; abundant, but rather indifferent, water from tanks; small O-G. in b. compound, 8 acres of land also available near the centre tank; road unmetalled, but strongly bridged.
		BARULA .	10	26	A village; supplies must be collected; good water from tanks close to O-G., site for which is in paddy fields; country low, but well cultivated; road unmetalled; 14 nullahs unbridged, fordable except after heavy floods.
		BEGANGANJ p-o.	11	37	A village; supplies on notice; indifferent water from tanks; O-G. in paddy fields; country, low rice swamps interspersed with plantations; road unmetalled, raised and partially bridged, but bridges unfit for artillery; the unbridged nullahs are fordable, except during rains, when temporary foot-bridges are erected.
		NOAKHALI . p-o. t-s. b.	10	47	A small civil stn.; supplies abundant; water from tanks, but of inferior quality; O-G. as in previous stage; country as above; road unmetalled, bridged throughout, but bridges unfit for artillery; nullahs fordable, except during the rainy season.
		Total marches, 5 = 47 m.			

Route No. 162(a)
FROM COMILLA TO NOAKHALI
and FENI

AUTHORITY		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Nimbah, Noakhali	JOREKARN 200 x 100 yds b	10	10	A village, supplies must be collected, good water from tanks, C G in h. corn pound, country low, but well cultivated road unmetalled with 8 nullahs all strongly bridged
		SAIDYA BAZAR b	12	22	A village, supplies must be collected; water from a very large tank close to C G., which is in h. corn pound, country as in last stage road as above with 14 nullahs, all bridged and fit for artillery
		FENI p-o. t & r. s.	16	37	1 m. on the Assam Bengal Ry., supplies on notice, inferior water from tanks, C G in paddy fields of unlimited extent country and road as before
	Collector of Nimbah, Noakhali	DAGON BHUYA	9	46	A village, supplies on notice, good water from tanks C-G as above, country, low rice swamps interspersed with plantations road unmetalled but in fair order except for 1 m., where it is broken down by floods from the Little Fenny R. there are no means for crossing it is part of the road and it is practically impassable two unbridged nullahs are crossed by ferry and the Little Fenny R. is crossed at Silonia (5 m.), 4 boats carrying 80 men each
		KABIRHAT	9	55	A small village supplies on notice, indifferent water from tanks, C G country and road as above
		NOAKHALI	6	61	See Route 162 Country and road as in last stage
		Total marches 6 = 61 m			

Route No 163
FROM COOCH-BEHAR TO BAKSA-DUAR (BAXA)

AUTHORITY		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner Jalpaiguri, Jalpaiguri.	ALIPUR 15,000 sq yds. p-o. t & b	13	13	A civil stn.; supplies procurable, good water from the Kaljani R. and wells; C G confined, country well cultivated road unmetalled and above flood level, nullahs strongly bridged across the Kaljani R. close to Alipur unbridged but fordable during the cold season; 3 ferry-boats, each capable of carrying 4 laden carts, and other small boats, available
		BAJABHAT KHAWA.	10	23	A small place within Govt reserve forest, supplies on notice; water from Jhora R., but unwholesome, C G small; country covered with tall forest, road as in last stage, during the rains this would be a bad stage to halt at
		SANTRABARI	9	31	A small place supplies must be collected plentiful good water from a stream on C-G small site for which is N of road, road, as before, passes through dense jungle
		BAKSA DUAR (BAXA) p-o. t & b.	24	39	A small military cantonment, good water from springs small C G on ponds ground, road unmetalled and bad; there is a steep ascent nearly all the way
		Total marches 4 = 56 m			

Route No. 164.
FROM COOCH-BEHAR TO GAUHATI
and RUPSHI AND THE ASSAM TRUNK ROAD

AUTHORITY		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Dy. Commr of Cooch Behar, Cooch Behar.	TUFANGANJ p-o	12	12	A village on left bank of the Kaljani R., supplies obtainable from Balrampur, 2 m S W, good water from the river near which is small site for C G, country open and cultivated; road unmetalled, 16 ft wide existing bridges are capable of bearing laden carts, across the Kaljani at end of marsh and other streams en route by ferry
		KHERBARI HAT.	8½	20½	A small village on the Randak R.; supplies on notice; good water from the river; extensive site for C G on cultivated land near village; country, road and bridges as above
		AGAMANI p-o. b	8½	27½	A small village on right bank of the Gangadhar; supplies on notice, good water from the river, close to which, and near b is fair-sized C-G country and road as in last stage; across the Randak on starting by foot in dry season, by ferry in the rains.
		RUPSHI (KHAGRA BARI) p-o.	8	36½	A village, supplies on notice, water from wells and also from the Gadadhar R., ample space for encampment near village country and road as in last stage across the Gangadhar on starting, by ferry, and pass Paritabganj at 4½ m
		DHUBRI 12 100 sq yds. p-o. t & b.	10½	46½	A civil stn. on right bank of the Brahmaputra supplies on notice abundant good water from wells also for C-G W of town; country and road as above pass Gauipur at 6 m A steam-ferry crosses the Brahmaputra twice daily and leaves the opposite bank one hour later on its return trip; a mail steamer leaves daily for Calcutta, and also for Assam

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Kananap. Goalpara, Dhubri.	JAMADARHAT . . .	9	55½	See Route 205.
		LAKHIPUR . . .	13	68½	
		BAIDA . . .	9½	78½	
		AGIA . . .	10½	88½	
		KRISHNAI . . .	8½	96½	
		DARANGIRI . . .	13½	110½	
		DHUPDHARA . . .	11½	122	
		BOKO . . .	10	132	
		CHAIGAON . . .	12	144	
		PALASHARI . . .	12	156	
Dy. Commr. of Kananap. Goalpara, Dhubri.	Dy. Commr. of Kananap. Goalpara, Dhubri.	GAUHEATI . . .	14	170	
		Total marches, 16 = 170 m.			

Route No. 165.
FROM COOCH-BEHAR TO GOALPARA.
via AGANANI, AND THE ASSAM TRUNK ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dy. Commr. of Cooch-Behar, Cooch-Behar.	TUFANGANJ . . .	12	12	See Route 164.
		KHERBARI HAT . . .	8½	20½	
		AGANANI . . .	8½	27½	
		RUPSHI (KHAGRA-BARI). . .	9	36½	
		DHUBRI . . .	10½	46½	
		JAMADARHAT . . .	9	55½	
		LAKHIPUR . . .	13	68½	
		BAIDA . . .	9½	78½	
		AGIA . . .	10½	88½	
		GOALPARA . . .	8½	97	
G. O. C. Assam District, Shillong.	Dy. Commr. of Goalpara, Dhubri.	56,000 sq. yds. p-a. t-s. b.			A small civil stn. on left bank of the Brahmaputra; supplies on notice; good water from the river; C-G. W. of village; country partly cultivated; road 12 ft. wide, unmetalled, but bridged and fit for all arms in dry season.
		Total marches, 10 = 97 m.			

Route No. 165(a).
FROM COOCH-BEHAR TO GOALPARA.
via FULKUMAR, AND THE ASSAM TRUNK ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dy. Commr. of Cooch-Behar, Cooch-Behar.	BALRAMPUR . . .	12½	12½	A large village; supplies limited; inferior water from tanks near small C-G.; country well cultivated; road unmetalled, 16 ft. wide, bridged except over the Toras R., which is crossed by ferry at 2½ m.
		FULKUMAR p-a. . .	8½	21½	A small village; no supplies; abundant good water from the Fulkumar stream, near which, and close to police outpost, is limited C-G.; country as before; road neither metalled nor bridged, 12 ft. wide.
		ANDARIJHAR . . .	8½	20½	A village; no supplies; water from the Fulkumar stream ½ mile distant; C-G. in fields; country as above; road a mule track, 16 ft. wide; cross the Jhakir-dara stream by a ferry carrying 12 men.
		BARUBARI . . .	10½	40	A small village on the Dudkumar stream from which unlimited water can be obtained; no supplies; C-G. in fields close to stream; country and road as in last stage; cross the Fulkumar at Rajganj by a ferry carrying 10 men.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner, Goalpara, Dibrui.	PATAMARI p-o. b.	0½	48½	A village; supplies limited; good water from a well near b., and from wells in village; site for large encampment in dry season close to b.; country low-lying; road unmetalled, 10 ft. wide, not suitable for wheeled traffic; cross the Dul-humar soon after starting, and the Kumardanga, Sankos and Toris rivers en route, all fordable except in rains, when a ferry, carrying 20 men at a trip, plies across each.
		DHUBRI	10½	57	
		JAMADARHAT	9	66	See Route 164. Country and road as in last stage; the Gangadhar R. is crossed by ferry in the early part of the stage; two other streams are also crossed en route, fordable in dry weather, ferries in rains.
		LAKHIPUR	13	79	
		RAJGA	0½	83½	See Route 205.
		AGIA	10½	93½	
		GOALPARA	8½	107½	See Route 165.
		Total marches, 11=			
		107½ m.			

Route No. 165.

FROM COOCH-BEHAR TO JUMM DUAR AND SUNKERMUKH (BHUTAN FRONTIER).

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Port William.	Deputy Commissioner of Jalpaiguri, Cooch-Behar.	CHILAKHANA. 17,600 sq. yds.	0	0	A village on the Kaljani; supplies procurable; good water from the river; C-G. in fields; country jungle; road unmetalled, but raised, bridges of wood and capable of carrying laden carts, but not elephants; cross the Kaljani R. by ferry at end of march.
		FULBARI 89,000 sq. yds. p-o.	6	16	
		BHAIS-KUCHI	9½	24½	A large village on the Raidak R.; supplies procurable; good water from the river; C-G. in fields; country, road and bridges as above; the Raidak, fordable dry season, is crossed by a ferry in rains.
		GABAD HAT 100,000 sq. yds.	6½	81	
		DALDALI 40,000 sq. yds.	7	88	A small village; supplies must be collected from Kumargoon, near Haldibari; abundant good water from the irrigation canal; C-G. in fields; road unmetalled; nullahs strongly bridged with timber.
		HALDIBARI 75,020 sq. yds.	9	97	
		JUMM DUAR	8	105	A pass (now included in Govt. Reserve Forest Land) over a low, rocky hill some 200 ft. high; no C-G. available; water from the Jhoras R.; road a mero foot track.
		Total marches, 7=			
		55 m.			
		SUNKERMUKH	12	117	A Bhutan village, at the foot of the hills N-W. of Haldibari, on the bank of the Raidak R.; supplies scarce; water plentiful from the river; road as in last stage.
		Total marches, 7=			
		69 m.			

FROM DACCA TO BOGRA.
via GOALUNDO, SIRAJGANJ AND SHERPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Collector of Dacca, Dacca.			
		PHULBARIA	14	14	A village on left bank of the Dhaleswari; supplies on notice; water from the river, near which, in the dry season, is extensive C-G; country low-lying; road 20 ft. wide, unmetalled, liable to be flooded in the rains; pass Mirpur at 8 m.; cross the Turag R. at 8th and 10th m. by ferry, carrying 35 men at a trip.
		MANIKGANJ p-o. t-s.	17	31	A large village on bank of the Dhaleswari; supplies on notice; good water from the river, on bank of which, in the dry season, is extensive C-G; country and road as in last stage; cross the Dhaleswari at 1 by ferry, the Inceyur Khal at 5, and pass Singair at 8 m., where a halt might be made near the Dhaleswari R.; nullahs fordable, bridges generally unfit for artillery.
		MAHADEBPUR p-o. b.	10	41	A village; supplies on notice; water scarce, sufficient for 250 men only, from a small tank; C-G. spacious; country and road as before; cross the Balitha in the 1st, and the Kantabati R. in the 10th m., one ferry-boat, carrying 80 men, at each river.
		GOALUNDO p-o. t-s. r-s.	8	49	A large town on the Ganges; supplies plentiful; good water from the river, in paddy-fields near which is C-G; country and road as before; cross the Ganges by ferry at end of stage; the whole country is submerged during the rains by the over-flowing of the Ganges.
Collector of Fataba, Fataba.		BERA	19	68	A large mart at the junction of the Isamati, Barrel and Ursagar rivers; supplies procurable; good water unlimited; C-G. in paddy fields; country subject to inundations; road 20 ft. wide, unmetalled, only a fair weather track; cross the Ganges, en route, by a ferry consisting of numerous country boats.
		BELKUCHI p-o.	18	86	A collection of several small villages; supplies on notice; unlimited good water; C-G. as above; country and road as in last stage, with 4 nullahs unbridged, but fordable; cross the Ursagar by ferry on starting.
		SIRAJGANJ 800 x 100 yds. p-o. b.	10½	96½	A large town with abundant supplies and water; C-G. close to h.; road unmetalled, but raised for the first 4½ m. the rest is merely a fair weather track; cross 2 branches of the Ursagar R. en route, fordable in dry season, ferry in rains (1 boat at each).
		GRANDAJKONA 150 x 100 yds. p-o.	15	111½	A large village, with plentiful supplies; abundant good water from the Phuljori R., on bank of which is site for C-G; country low-lying; road neither metalled nor bridged; cross the Phuljori R. at Dhangura by a ferry consisting of 3 boats, carrying 25 men each.
		SHERPUR p-o. t-s.	12	123½	A town, situated on right bank of the Karattia; supplies procurable; good water from the river, in bed of which, in dry season, or on waste land, are sites for C-G; country cultivated, with patches of scrub-jungle here and there; road unmetalled, 18 ft. wide; all streams strongly bridged except one, which is crossed by ferry at Ghughu.
Collector of Bogra, Bogra.		BOGRA p-o. t-s. b.	13	136½	A civil stn. on right bank of the Karattia R.; supplies and water plentiful; sites for C-G. in b. compound or in paddy fields close by; country and road as in last stage; all nullahs have masonry bridges capable of bearing artillery; pass Aiam at 6, and Batigari at 11 m.
		Total marches, 10 = 136½ m.			

Route No. 168.
FROM DACCA TO COMILLA.
via DAUDKANDI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Collector of Dacca, Dacca.			
		NARAYANGANJ p-o. t-s. r-s. b.	10	10	A town on right bank of the Lakhya; supplies plentiful; abundant water from the river, on bank of which, in dry season, is extensive C-G; country low-lying; road 20 ft. wide, metalled and bridged, fit for all arms, but submerged during high floods.
		BAIDER BAZAR p-o.	8	18	A small village on right bank of the Nowadi; supplies procurable; good water from the river; site for C-G. in fields; country as above; road 12 ft. wide, unmetalled, bridged, liable to be submerged from 2nd to 5th m. during the rains; cross the Lakhya R. on starting and the Brahmaputra in the 3rd mile, by ferry, 2 boats at each river.
		DAUDKANDI p-o. b.	12	30	A village; supplies on notice; good water from the Megna R.; site for C-G. in b. compound; country as above; road 16 ft. wide, unmetalled but bridged and fit for all arms.
		ELLIATGANJ p-o. b.	11	41	A village; supplies on notice; water, for a battn., from a small tank near C-G., small site for which is in b. compound; country and road as in last stage.
Collector of Chittagong, Comilla.		BARKANTA p-o. b.	9	50	A village; supplies on notice; plentiful water from tanks near C-G., site for which is in b. compound; country and road as above.
		COMILLA 50,000 sq. yds. p-o. t-s. b.	12	62	A civil stn.; abundant supplies; good water from tanks and the Guroti R., on bank of which and in the Park is C-G; country and road as above, except that the last mile of the latter is metalled.
		Total marches, 6 = 62 m.			
			Miles.	Total.	
			Jorokan	20	72
			Baidya Bazar	12	84
			Muhammad-Ali-Hat	10	94
			Bhar Murria	10	104
			Jorokan (p-o. t-s.)	12	116
			Sitakunda (p-o. t-s.)	12	128
			Kaddam Bazar	12	140
			Chittagong (p-o. t-s.)	12	152

NOTE.—This route was originally from Dacca to Chittagong, but the road in the Chittagong District was reported as being impassable owing to the encroachments of the Little Penny R. The following were the stages from Comilla:—

Route No. 169. FROM DACCA TO GOALUNDO.

ACTIVITIES		Names of stages and also of camping grounds	DISTANCE		REMARKS.
Military	Civil.		Miles	Total	
G O C Presidency District, Fort William	Collector of Dacca, Dacca	PHULBARIA	14	14	<p>Note—The best way for troops to go from Dacca to Goalundo is by steamer or country boat. In the dry season the route is by the Padma, Kachaitta and Megna rivers distance 107 m., time 30 hours. In the rains the route is by the Jamuna, Gayabalia and Bhaleswari rivers, distance 61 m., time 16 hours</p> <p>See Route 167</p>
		MANIRGANJ	17	31	
		MAHADEHPUR	10	41	
		SHIVALAYA . (SHIALO) p-o t-s	7	48	<p>A village on left bank of the Ganges, supplies on notice; good water from the river, on cultivated land, on bank of which is extensive site for C-G country as in previous stage, road 20 ft wide unmetalled, raised but subject to inundation, cross the Kantabati R. at 4 m., fordable in dry season, at other times there is a ferry carrying 35 men.</p> <p>See Route 167</p>
		GOALUNDO	3	51	
		Total marches, 5 = 61 m			

Route No. 170. FROM DACCA TO MYMENSINGH.

ACTIVITIES		Names of stages and also of camping grounds.	DISTANCE		REMARKS
Military	Civil.		Miles	Total	
G O C Presidency District, Fort Will. su.	Collector of Dacca, Dacca	MURAPARA . ½ sq m.	11½	11½	<p>A village on left bank of the Lakhya R., supplies on notice; good water from the river, on bank of which, in the dry season, is C-G, country low lying; road unmetalled, 16 ft. wide not raised, only passable during the dry season; cross the Balu R. at 7 m., and the Lakhya at end of stage, by ferry (8 boats carrying 35 men each, at each river)</p>
		PANCHDONA ½ sq m p-o	12	23½	
		GARBARIA . ½ sq m.	12½	36	<p>A small village, supplies must be collected, water of indifferent quality from a large tank in vicinity of C-G; country and road as above, 1 nullah is crossed on route by a ferry carrying 15 men</p>
		SAGARDI . ½ sq m	12	48	
		TOKE . ½ sq m b	4	52	<p>A small village, supplies must be collected; good water from the Brahmaputra R., on bank of which is C-G; country high and not subject to inundation, road only passable in dry season</p>
		DUTTA BAZAR 20,000 sq yds	5	57	
		GAFARGAON p-o r-s b	10	67	<p>A small village at the junction of the Brahmaputra and Banar rivers, supplies on notice, good water from latter river; C-G, country and road as in last stage.</p>
		BALIPARA . p-o t-s r-s	8	75	
		KALIR BAZAR p-o t-s r-s	10	85	<p>A village on right bank of the Brahmaputra R., supplies on notice, good water from the river, streams and wells, small C-G in b compound, road as above</p>
		MYMENSINGH p-o t-s r-s b.	10	95	
		Total marches, 10 = 85 m			

Route No. 171. FROM DACCA TO SYLHET.

ACTIVITIES		Names of stages and also of camping grounds.	DISTANCE		REMARKS
Military	Civil.		Miles	Total	
G O C Presidency District, Fort William	Collector of Dacca, Dacca	MURAPARA .	11½	11½	<p>Note—The best route from Dacca to Sylhet is by steamer or country boat, up the Megna and Sonma rivers distance, in dry season, about 227 m</p> <p>See Route 170</p>
		PANCHDONA	12	23½	
		NARSINGDI . p-o	5	28½	
		RAIPURA p-o	12	40½	<p>A village on right bank of a branch of the Megna, supplies on notice; good water from the river, on bank of which is extensive site for C-G country low and under water from 1st June to 31st October; road unmetalled, but raised and bridged, suitable for all arms except during high flood, when it is partially submerged</p>

AUTHORITY.		Names of stations and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
C. O. C. Presidency District, Fort William.	Collector of Tipperah, Comilla.	BAKHANNAGAR .	6	46½	A village on right bank of the Megna; no supplies; good water from the river, on bank of which is extensive site for C-G.; country as above; road not kept up, a mere track and almost impassable.
		TAISAR .	12	58½	A village; supplies on notice; water plentiful; extensive site for C-G. near village; country and road as in last stage; cross the Megna about half-way, and pass Chariala on its left bank immediately afterwards.
		MANLISPUR 80,000 sq. yds.	8	66½	A fair-sized village on right bank of the Titas; supplies on notice; fair water from the river, on bank of which and E. of bazar is site for C-G.; country low and swampy, except in cold weather; road 10 ft. wide, unmetalled, but level and practicable for all arms in dry weather; nearest p-o. is at Shabazpur, distant 2 m. N-E. The river at Majitpur is unfordable, but country boats available.
		HARINBER . 528,000 sq. yds. p-o.	9	75½	A fair-sized village; supplies on notice; fair water from the Haral Nadi, on bank of which is site for C-G.; country as in last stage; road a mere track, practicable for all arms in dry weather only; cross the Haral at end of stage by ford; nearest t-o. is at Sarail, distant 10 m. S-W.
		PURIKOLA .	13	88½	A small village; supplies on notice; plentiful good water from a tank near Kaliganj, distant about 1 m.; extensive site for C-G. close to village; country level and open, liable to inundation after heavy rain; road an ordinary village path. Shalaji Bazar r-o., on the A. B. Ry., is about 3 m. E. of Purikola.
		HABIGANJ . p-o. t-o. b.	12	100½	A town at the junction of the Barak and Khawai rivers; supplies on notice; good water from the river, on left bank of which, and near ferry, is extensive site for C-G.; country low and submerged during the rains; road as before, a village path, level with surrounding country, liable to inundation during the rains; cross the Barak at end of stage, by ford in dry weather, by ferry in rains.
		NAWA BAZAR .	7	107½	A halting place on right bank of the Barak R., close to Shandanpur; supplies on notice; indifferent water from the river, on bank of which is extensive site for C-G.; country and road as above; pass Allganj at 4 m.
		SHIBGANJ .	12	119½	A bazar on right bank of the Barak; supplies on notice; indifferent water from the river S. of bazar, close to which is extensive site for C-G.; country and road as above; pass Nabiganj (p-o.) at 8 m.
		TAJIPUR . p-o.	15	134½	A village; supplies on notice; indifferent water from a tank close to C-G., extensive site for which is in fields near village; country open and partially cultivated; road unmetalled but good and passable for all arms; cross the Bibiana about half-way, by ford in dry season, by ferry in rains; nullahs bridged.
		LALA BAZAR 25,600 sq. yds. p-o.	7½	142	A bazar; supplies on notice; good water from a well and the Bedia stream near C-G., which is in fields W. of road and close to p-o.; country and road as in last stage; cross 2 small streams (bridged in cold season) in the first half of the stage, by ferry in rains; nullahs strongly bridged; pass Par Kasta at 4½ m.
C. O. C. Assam District, Shillong.	Deputy Commissioner of Sylhet, Sylhet.	SYLHET 37,000 sq. yds. p-o. t-o. b.	6	148	A town on right bank of the Surma; supplies abundant; good water from the river, on bank of which, and close to circular house, is C-G.; country, road and nullahs as in last stage; cross the Surma R. at end of march, by ferry.
		Total marches, 15 = 148 m.			

Route No. 172.
FROM DAGSHAI TO SUBATHU.

AUTHORITY.		Names of stations and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
C. O. C. Sikkim District, Umbakha.	By Comm. of Sikkim, Simla.	SUBATHU . p-o. t-o. b.	12½	121	A small cantonment; supplies on notice; a pipe water-supply; C-G. for a battery, on parade ground; the road to the Dharmpur toll hut is a good, metalled cart-road, gradient steep; the Simla-Kalka road is joined at 2½, and the Subathu road branches off at 3½ m.
		Total marches, 1 = 12½ m.			

Route No. 173.
FROM DALHOUSIE TO BAKLOH.

AUTHORITY.		Names of stations and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
C. O. C. Lahore District, Mewan Meer.	Super. of Chambha, Dalhousie, Talhousie etc.	BULEYRA . 200 x 50 yds. b.	7½	71	A village; supplies on notice; plentiful good water from a spring at 7½ m.; C-G. in terraced fields; country hilly; road metalled, practicable for camels during the dry season, and for mules at all times.
		BAKLOH . p-o. t-o.	8	16½	
		Total marches, 2 = 16½ m.			A small cantonment, elevation 4,600 ft.; supplies procurable; water good but scarce during hot weather; C-G. for 2 batteries, on parade ground; road suitable for mules; there is a gradual descent as far as Nyni Khud at 4 m., where a stream is crossed by a wooden bridge; the road ascends thence by an easy gradient to Bakloh.

Route No. 174.
FROM DALHOUSIE TO CHAMBA.
via KAJIAR

ACTIVITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Chamba Territory	Spd. of Chamba, Chamba	KAJIAR 60,000 sq yds	10½	10½	A halting place; supplies scarce; plentiful good water from streams, road practicable for laden mules, cross the Kala Topo range elevation 7,500 ft, then descend by easy gradients. A good sized place the capital of Chamba State; supplies abundant, good water from streams; plenty of space available for C-G on race course, road practicable for laden mules.
		CHAMBA	7	17½	
		Total marches, 2 = 17½ m			

Route No. 174(a).
FROM DALHOUSIE TO CHAMBA.
via CHIEL

ACTIVITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Chamba Territory	Spd. of Chamba, Chamba	CHIEL	9	9	A small village, elevation 5,700 ft, supplies in small quantities after notice, good water from a stream, country mountainous, road practicable for laden mules See Route 174 Country as above road steep but practicable for laden mules, cross the Bari (bridged) at end of march
		CHAMBA	12	21	
		Total marches, 2 = 21 m			

Route No. 175.
FROM DALHOUSIE TO DHARMSALA.
DUNDEA AND NURPUR

ACTIVITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C. Lahore District, Meen Meer	Dy Commr Asst Commr, Gurgapur, Dalhousie, Dharmasala	NYNI KHUD	19	19	NOTE—This route is preferable to 175(a), it being practicable for camels A halting place, supplies on notice, plentiful good water from a stream, near which is small C-G, country mountainous, road fit for camels
		DUNDEA 20,480 sq yds p-o b	10	29	
		NURPUR 20,670 sq yds p-o b	12½	41½	A village, supplies on notice, plentiful good water; C-G marked by pillars, road good, width 12 ft, suitable, except during rains, for light wheeled traffic.
		KOTLA 17,000 sq yds p-o b	19½	61½	
		SHAHNUPUR 81,400 sq yds p-o b	11½	73½	A large village; supplies procurable, plentiful good water from a well in b compound and from the Daira R., C-G marked by pillars, road passable for carts except during rains A village, supplies on notice, plentiful good water from springs and streams, C-G S. of road, road as before; the Daira R (bridged) is crossed on starting Kangren is 12 m. from Shahpur
		DHARMSALA p-o b	12½	86½	
		Total marches, 6 = 78½ m			A small cantonment elevation 8,120 ft, supplies obtainable; plentiful good water, C-G S. of old Gurkha Lines, road only fit for transport animals.

Route No. 175(a).
FROM DALHOUSIE TO DHARMSALA.
via CHAOHARI AND NURPUR

ACTIVITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Chamba Territory	Spd. of Chamba, Chamba	CHAOHARI	16	16	A village, supplies procurable, plentiful good water from springs and streams; note for C-G near b, road practicable for laden mules, the Chaochari pass, about 6,000 ft high is difficult in winter, but never closed

AUTHORITIES.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore Division, Meeran Nizet.	Dr. Comar of Kangra, Dharmasala.	KURPUR . .	16	33	A good mule road; pass Ghatsang at 4 m.; the Chakki stream (unbridged) is fordable except after heavy rain. See Route 176.
		KOTLA . .	13½	46½	
		SHAHIPUR . .	11½	57½	
		DHARMSALA . .	12½	70	
		Total marches, 6 = 70 m.			

Route No. 176.
FROM DALTONGANJ (BIJRA) TO MIRZAPUR.
via GARHWA, DUDHI AND RAJGARH.

AUTHORITIES.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Palamau, Daltonganj.	BANPURWA 500 x 500 yds.	19	12	<p>NOTE.—This route is not a desirable one, being unmetalled, only partially bridged and difficult in places. The water at some stages is unfit to drink.</p> <p>A village; supplies on notice; fair water from the Taleh stream, ½ m. S. of C-G., which is ½ m. S-W. of village; country open, partially cultivated; road 18 ft. wide, unmetalled, nullahs bridged, suitable for all arms in fair weather; cross the Kail in 1st m., 2 boats, capacity 30 men each, and the Taleh in 11th m. fordable, except for 15 or 20 days in the rains, no ferry.</p> <p>A small town; supplies on notice; fair water from Danro R.; C-G. in mango grove close to village; country, road and bridges as above; cross the Danro of Garhwa, fordable, except after heavy rain; no ferry.</p> <p>A village; supplies on notice; fair water from wells and a tank, all within 300 yds. of C-G., latter 220 yds. W. of village; country and road as above, some culverts would not bear heavy guns.</p> <p>A village; supplies on notice; fair water from a large tank ½ m. S. of C-G., which is 400 yds. W. of village; country and road as above.</p> <p>A village; supplies on notice; fair water from wells and streams; C-G. ½ m. W. of village; country jungle; road as above; all nullahs fordable.</p> <p>A village; supplies on notice; good water, for a bath, from wells; C-G. in a mango grove, 65 yds. from village; country as above; road unmetalled, partially bridged and bad during rains; cross the Kanbar R. at 10th m. fordable except after heavy rain; a few country boats available, each carrying 20 men.</p> <p>No village; supplies from Dudhi; water from the nullah, which becomes dry in spring; site for C-G. E. of the nullah; road a mere country track.</p> <p>Scarcely village 2 m. distant; supplies must be collected; water in rains and cold season from a well and nullah, site for C-G. being 80 yds. E. of latter; country and road as in last stage.</p> <p>A small village; supplies must be collected; good water from the Sone R., on tank of which is C-G.; country and road as in last stage.</p> <p>A small village; supplies from Robertganj 2 m. distant; good water from a well and tanks; site for C-G. 210 yds. N-E. of village; country hilly; road unmetalled and partly bridged, but better than in previous stages; cross the Sone R. on starting, fordable in dry weather, ferry in rains; the Kaimur range is crossed by an easy pass called the Minda-Hari Ghat.</p> <p>A small village; supplies must be collected; good water from a well and tanks; C-G. 300 yds. N-W. of village; country cultivated; road as above, impracticable for carts for first 2 m.; cross the Deun R. (bridged) at 2 m.</p> <p>A village; supplies on notice; good water from wells and the Bakhur stream; C-G. ½ m. S-E. of village; country as above; road unmetalled but bridged.</p> <p>A small village; supplies from Mirzapur; good water from wells; C-G. W. of village; country hilly with some cultivation; road as above; cross the Bakhur (bridged) on starting.</p> <p>NOTE.—The following are the stages of an alternative, but not preferable, route from Armoa to Mariyahan— Armoa to Ghilaganj (p-o.) 10 m. Ghilaganj (p-o.) 11 m. Kalwar 6 m. Mariyahan 6 m. The road is unmetalled and partly bridged.</p> <p>A small village; supplies from Mirzapur; good water from a stream near C-G., site for which is ½ m. W. of village; country as before; road fair, partly metalled; there is an artillery practice range here.</p> <p>See Route 24. Country as before; road unmetalled and rough for first 2 m., thence metalled; cross the Koten stream (bridged) on starting, and pass Barkachha at 4 m.</p>
		MIRAL 200 x 200 yds.	7	29	
		RUMNA 500 x 200 yds.	8	36	
		NAGARUTARI 500 x 500 yds.	8	44	
		DUDHI 200 x 100 yds.	12	56	
		HATHI NULLAH b.	12	68	
		PARASANI 150 x 100 yds.	9	77	
		CHAUPAN 225 x 200 yds.	10	87	
		ARMOA 150 x 100 yds.	12	99	
		KUKRAHI 150 x 100 yds.	7	106	
		RAJGARH 410 x 400 yds.	12	118	
		MARIYAHAN 500 x 500 yds.	10½	129½	
		KOTWA	8	136½	
		MIRZAPUR	10	146½	
		Total marches, 16 = 146½ m.			
G. O. C. Allahabad District, Allahabad.	Collector of Mirzapur, Mirzapur.				

FROM DARBHANGA TO BIRPUR, *on the Nepal Frontier.*

and THE NORTH EMIGRATION ROAD AND PARTABGANJ

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O O Allahabad District, Allahabad.	Collector of East Tirhoot, Darbhanga.	SAKRI 39,000 sq yds p-o r-s	12	12	A large village; supplies on notice; plentiful good water from a tank, 60 yds. E of C-G which is in a mango grove 400 yds N of r-s; country flat and open, road 16 ft. wide metalled for the first 9 m, level and fit for all arms across the old beds of the Kamla and Jibak rivers (both strongly bridged) at 3½ and 8 respectively, and pass Samratpatti at 10½ m.
		PIPRA GHAT 76,000 sq yds.	11½	23½	A village, supplies on notice, plentiful good water from wells and the Balan R., on bank of which and 1 m. W of Jhanyapur r-s is C-G, country as above; road 24 ft. wide, unmetalled, but strongly bridged and fit for all arms.
		KONOR	12½	36½	A large village supplies on notice, abundant good water from a tank on, and a well near C-G, small site for which is 200 yds from village, and E of road, country and road as in last stage.
		NARAYA 160 x 100 yds p-o t-s	8½	44½	A large village, supplies plentiful, good water, for a battn, from a well and (for animals) from a tank close to C-G site for which is 80 yds N of road and near village country and road as in last stage, across the Balan R. (always fordable) at 64 m.
G O O Presidency District, Fort William	Collector of Bhagalpur, Bhagalpur.	BALA	10	54½	A village, supplies on notice, plentiful good water from tanks and wells in vicinity of C-G extensive site for which is near village; country and road as in last stage across the Tigraya R at 7 m.
		BHAPTIARI p-o r-s	6½	61½	A small village, supplies on notice, plentiful good water from tanks in vicinity of C-G, extensive site for which is near village, country and road as above. The r-s is 2 m. from camp.
		SIMRAHI	7½	68½	A village, supplies on notice; good water, for a battn., from a tank and wells close by C-G, extensive site for which is near village, country as above, road 20 ft wide unmetalled, but practicable for all arms, cross the Domra stream at 8½ m by ferry.
		PARTABGANJ p-o t-s r-s	7½	76½	A village, supplies plentiful, abundant good water from tanks and wells close by C-G, extensive site for which is in vicinity of village; country and road as above; cross the Obolauti Dhar at 3 m and the Dase stream (fordable) at end of stage.
		BALUA	0	85½	A large bazar, supplies plentiful; abundant good water from tanks and wells close by C-G extensive site for which is near village; country low in parts, road good, 20 ft wide fit for all arms except in rains, cross the Narha nullah about half way by ford in dry season, ferry in rains.
		BIRPUR p-o	8½	93½	A village, supplies on notice, plentiful good water from tanks close by C-G, extensive site for which is near village; country as above road as before, but not suitable for artillery, nullahs bridged.
		Total marches, 10 =			
		88½ m			

Route No. 178.

FROM DARBHANGA TO KANAULI BAZAR, *on the Nepal Frontier*

and SUPAUL

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O O Allahabad District, Allahabad.	Collector of East Tirbhoit Darbhanga	SAKRI	12	12	See Route 177
		PIPIRA GHAT	11½	23½	
		MADHUAPUR 25,200 sq yds p-o	9	32½	A village with police station, supplies procurable good water, for a battn., from two wells and (for animals) from a tank near C-G, which is under trees, ½ m. from village, country open and cultivated, road unmetalled, but bridged and fit for all arms. Tamuria r-s is 6 m N W of camp.
		CHANDAIL	11	43½	A village, supplies on notice; plentiful good water from tanks and wells in vicinity of village, near which is site for C-G, country and road as above, cross the Tigraya and Patuli streams in latter part of stage From Chandail the S Emigration Road branches off towards Purnea.
		SUPAUL p-o t-s b	7½	51	A village, supplies on notice good water, for a battn., from two wells near b., extensive site for C-G on high land in mango grove, N of village, country and road as in last stage. From here roads branch off S-E to Madhupura, distant 20 m, and S to Balhi, distant 24 m, and thence to Monghyr.
G O O Presidency District, Fort William	Collector of Bhagalpur, Bhagalpur.	MALLARI	8½	60½	A village supplies on notice; good water, for a battn., from wells in vicinity of village near which is extensive site for C-G; country as above, road unmetalled but good, cross the Domra stream en route by ford in dry season, by ferry in rains.
		BHAPTIARI	7	67½	See Route 177 Country and road as above, numerous nullahs are crossed by bridges, unsuitable for artillery.
		KANAULI BAZAR p-o	8	76½	A village; supplies on notice plentiful good water from wells round village, near which is extensive site for C-G, country, road and nullahs as above, pass Dagmara at 6, and Kamalpur at 8 m.
		Total marches, 8 = 76½ m			

Route No. 179. FROM DARBHANGA TO LAKAHA, on the Nepal Frontier.

111

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of East Tirhoot, Darbhanga.	TAR SARAI p.o.	9	9	A village; supplies on notice; good water, for a battn., from two wells near village, about $\frac{1}{2}$ m. from which is extensive site for C-G. at side of road; country chiefly rice cultivation, low and occasionally flooded; road highly embanked, metalled and bridged; cross one of the old beds of the Kamla at Ghansa Ghat, at 8, and a second at Jibsa Ghat, at $6\frac{1}{2}$ m.
		MADHUBANI 200 x 180 yds. p-o. l-s.	11 $\frac{1}{2}$	20 $\frac{1}{2}$	A large town; supplies plentiful; good water, for a battn., from a well and tank about 200 yds. E. of C-G., which is in mango grove W. of road and near police sta.; country and road as above; pass Pandaul (p-o.) factory at $3\frac{1}{2}$, and Bharwara at 10 m.
		MIRZAPUR 150 x 60 yds.	7	27 $\frac{1}{2}$	A large village; supplies on notice; plentiful good water from a well, and from the Kamla R., 300 yds. W. of which and $\frac{1}{2}$ m. W. of village is C-G.; country as before; road unmetalled but in fair order.
		BARHI BAZAR	12	39 $\frac{1}{2}$	A large village; supplies on notice; good water, for a battn., from a well, and (for animals) from a tank near C-G., site for which is in a grove $\frac{1}{2}$ m. from village; country and road as above; cross the Kamla at 7 and the Balan at end of stage, both by ford in dry weather, by ferry (1 boat carrying 50 men) in the rains.
		PATRAHI	7	46 $\frac{1}{2}$	A large village; supplies on notice; good water, for a battn., from a well, and (for animals) from a tank near C-G., site for which is in a grove W. of road and close to village; country and road as in last stage.
		LAKAHA 200 x 180 yds. p-o.	7 $\frac{1}{2}$	54	A large village about $\frac{1}{2}$ m. from the Balan R.; supplies on notice; good water for a battn., from a well, and (for animals) from a tank near C-G., which is in a grove $\frac{1}{2}$ m. from village, close to police sta.; country undulating with alternate jungle and cultivation; road as above. Half a mile beyond Lakaha British territory ends.
		Total marches, 6 =			
		54 m.			

Route No. 180. FROM DARBHANGA TO LUDHIANA, on the Nepal Frontier.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad Dist., Allahabad.	Collector of East Tirhoot, Darbhanga.	TAR SARAI .	9	9	See Route 179.
		MADHUBANI .	11½	20½	
		KHAJOLI . 250 x 150 yds. p-o.	11	31½	
		LUDHIANA . 180 x 140 yds.	14	45½	A small village; supplies on notice; good water, for a battn. from a well, and (for animals) from the Kamla stream, near which and in a grove close to village is C-G.; country cultivated; road unmetalled and in fair order.
		Total marches, 4 = 46½ m.			

Route No. 181. FROM DARBHANGA TO NEPAL (KATMANDU). via JAYNAGAR AND JANAKPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
Nepal Territory. Residents in Nepal, Katmandu.	Collector of East Tirhoot, Darbhanga.	KAUNLE RAMBEY 200 x 150 yds.	10	10	A village; supplies on notice; good water, for a battn., from wells, and (for animals) from a tank near C-G., which is in a grove E. of road and 200 yds. from village; country open and cultivated; road metalled and bridged; pass Nourah about half-way.
		PACHRAUNI . 130 x 80 yds.	10	20	A large village; supplies of all kinds procurable; good water, for a battn., from wells and a tank near C-G., site for which is E. of road and $\frac{1}{2}$ m. from village; country and road as before.
		NARAYA .	8 $\frac{1}{2}$	28 $\frac{1}{2}$	See Route 177. Country and road as above.
		JAYNAGAR . 200 x 150 yds.	6 $\frac{1}{2}$	35	A large village; supplies on notice; good water, for a battn., from a tank (500 x 600 ft.) and from two wells 170 yds. W. of C-G., which is in a grove close to village, and E. of road; country and road as above.
		BISAUL . 200 x 100 yds.	9	44	A village near the Nepal Frontier; supplies on notice; good water, for a battn., from a tank (400 x 500 ft.) 70 yds. W. of C-G., which is S. of road and close to village; country as above; road unmetalled and only partly bridged; cross the Kamla soon after starting by ford in dry season, by ferry (one boat carrying 40 to 60 men) in rains.
		JANAKPUR .	9	53	A large village; supplies plentiful; abundant water from numerous tanks and wells in village, N. of which and in fields is site for C-G.; country partly covered with jungle; road unmetalled but practicable for carts.
		BAKRI .	19	72	A small village; supplies procurable; plentiful water from the Kamla R., 1 m. W. of which is village, and site for C-G. being in fields close by; country and road as in last stage.

AGENTS		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
Nepal Territory.	Resident in Nepal, Kathmandu.	MANIA BASA . . .	20	9 ¹ / ₂	A small village; no supplies; water from a stream near village, S. of which and in fields is site for C-G.; country as above; road bad; pass Laldhis Patta about half-way.
		MANDI . . .	14	10 ¹ / ₂	A village; few supplies procurable; plentiful good water from a mountain stream; country hilly and jungly; road as in last stage; cross the Kamla by ford, and pass Kaulabari, situated at the junction of the Kamla and Gungkhola rivers, at 6 m.
		KURKOT . . .	10	11 ¹ / ₂	A village; few supplies procurable; plentiful water from the Kamla, 1 m. from village; country jungly and mountainous; road narrow, steep, and difficult; pass Sidi Garchi fort (elevation of 7,300 ft.) about half-way; the road passes through the gates of the fort which is situated near the summit of the hill.
		JHAGAJHOLI . . .	9	12 ¹ / ₂	A village; supplies procurable; plentiful water from a mountain stream; country as before; road bad; cross two nullahs unbridged.
		DABSHA . . .	15	14 ¹ / ₂	A village; few supplies procurable, plentiful water from a stream; country as before; road extremely difficult, crossing over the Dabsha mountain, quite unfit for horses and bullocks; at the base runs the Chaugankhola R., crossed by a bridge near its junction with the Kamla R.
		BANEPA . . .	16	16 ¹ / ₂	A large village; supplies procurable; plentiful water from a stream; country as before; road at first tolerably good, afterwards very rough and difficult.
		BHATGAON . . .	7	16 ³ / ₄	A town in the Nepal valley; supplies abundant; water good, brought by pipes from the mountains; site for C-G. on parade ground W. of town; country as before; road fair.
		NEPAL (KATMANDU). p-o. Total marches, 16 = 171 m.	9	17 ¹ / ₂	A large city, at the junction of the Bishnumati and Bagmati rivers, with extensive suburbs and large buildings in immediate neighbourhood, elevation 4,750 ft.; supplies abundant, good water supplied by pipes; country as before; road an unmetalled driving road, crossing the Hanuman Khola, Bagmati and Dhobikhola rivers, all strongly bridged.

Route No. 182.
FROM DARBILANGA TO PURNEA.
via SUPAUL AND NATPUR.

AGENTS		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Alibhai- bad District, Allahabad.	Collector of East Turkestan, Darbhanga.	SAKRI . . .	13	1 ¹ / ₂	See Route 177.
		PIPPA GHAT . . .	11 ¹ / ₂	2 ³ / ₄	
		MADHUPUR . . .	9	3 ¹ / ₂	
		CHANDAIL . . .	11	4 ³ / ₄	See Route 178.
		SUPAUL . . .	7 ¹ / ₂	51	
		PIPPA-BAZAR 23,200 sq. yds. p-o. r-s b	18	64	
		PARTABGANJ . . .	15	79	See Route 177.
		NATPUR (KANWA GHAT). 320 x 200 yds r-s	7	86	Country as above; road unmetalled and unsuitable for artillery; cross the Chilsaul Dar at 9, and the Daus (ferry, one boat) at 12 ¹ / ₂ m. by ford, except after heavy rain.
		ANGHARAGHAT p-o r-s.	10	96	A town on E. bank of the Kosi; supplies on notice; good water from the river, on bank of which, and in fields N. of r-s, is C-G.; country open and cultivated; road unmetalled, 2 ¹ / ₂ ft. wide, last 2 m. heavy sand, but passable for artillery; cross the Kosi (2 m. wide) at end of stage, by ferry of 20 boats.
		DEBIGANJ r-s	6	102	A small village on the Kosi R.; supplies on notice; good water from the river or by digging 3 to 4 ft. in any place; site for C-G. N. of and close to village; country flat and cultivated, with patches of jungle; road unmetalled, has to be re-made yearly; cross the river at Kanwa Ghat at 2 ¹ / ₂ m. by ford in dry weather.
G. O. C. Prosdowsky District, Fort William.	Collector of Bhagalpur, Bhagalpur.	PIRWAHA (SIFGANJ).	10	112	A small village; supplies on notice; good water from the Kamla and from two wells on C-G. site for which is S. of village on bank of the river; country flat and swampy, inundated by the Kosi, road 16 ft. wide, unmetalled, much of it under water; cross the Burkes (unfordable) soon after starting, and the Kamla (fordable in dry season) at end of stage, both by ferry of one small boat.
		GUNAMANTI . . .	11	123	A small village; supplies on notice; good water from tanks and wells in vicinity of C-G. site for which is on both sides of road, S. of village; country flat and open for the first 10 m., thence jungly, road as above; cross three nullahs en route, fordable in dry season, no ferries.
		JAGAULLE . . .	12	135	A small village; supplies on notice; good water from wells, to be dug on notice (cost Rs 7 each, one well supplying 20 to 40 men); site for C-G. on maidan E. of village; country flat, jungly for first half mile, thence open; road as before; cross 4 nullahs en route by wooden bridges, with 10 ft. roadway, suitable for guns one by one.
		PURNEA . . .	10 ¹ / ₂	145 ¹ / ₂	See Route 118.
		Total marches, 14 = 146 ¹ / ₂ m.			Country as in latter part of last stage; road as before; cross three nullahs (strongly bridged) en route.

Route No. 182(a).
FROM DARBHANGA TO PURNEA.
via THE SOUTH EMIGRATION ROAD.

118

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of B. Tihoor, Darbhanga.	SAKRI . . .	12	12	See Route 177
		PIPPA GHAT . . .	11½	23½	
		MADHUAPUR . . .	9	32½	See Route 178.
		CHANDAIL . . .	21	43½	
	Collector of Bhagalpur, Bhagalpur.	BARWARI . 68,000 sq. yds.	10	53½	A village ½ m. N-W. of Lokha; supplies on notice; good water, for a battn., from a well close to C-G., which is in a mango grove 1 m. N-E. of village; country open and cultivated; road 24 ft. wide, unmetalled, but strongly bridged.
		SINGHESWAR . 180,000 sq. yds. p-o.	9	62½	A village; supplies on notice; good but limited water from a well 100 yds. N-E. of C-G., which is ½ m. S-E. of village; country and road as above, but latter unbridged; cross the Tilabeh soon after starting, by ferry of 1 boat carrying 50 men. From here a road runs S. to Madhipura, distant 4 m.
		KEOTGAMA . 25,000 sq. yds.	11	73½	A village; supplies on notice; water very scarce, wells must be dug beforehand; site for C-G. ½ m. S-E. of village; country as before; road as above, except last 3 m. which are bad and unsuitable for troops; cross the Dandawari at 7, and the Loman at 9 m., both by ferry.
		MAHARAJGANJ (BEYSADH)	6½	80	A village; supplies on notice; good water from wells which must be dug beforehand; only existing wells are in house enclosures in the village; extensive site for C-G. on bank of the Kosi R. and E. of Beysadh; country flat, sandy and jungly; the river inundates the whole of the stage in the rains; road 18 ft. wide unmetalled, very sandy and heavy; in dry weather all the depressions of ground and channels are fordable except the Kosi, which has a ferry of one boat carrying 8 men.
		NOTE.—Maharajganj is all sand and jungle, the road changing so much from year to year that it is reported impossible to place a C-G.; Beysadh is the existing village near the place marked Maharajganj on the map.			
		KUSHAHA . . .	14	94	A village; supplies on notice; good water from the Binunia R. on bank of which on grass land is C-G.; country sandy, covered with grass and jungle; road as above; cross the Binunia at end of stage, by ferry carrying 8 men.
		BOGRAHA . . .	9	103	A village; supplies on notice; plentiful good water from wells, which must be dug beforehand, and also from a tank W. of C-G., which is S. of village on both sides of road; country as in last stage; road 18 ft. wide, unmetalled, first 4 m. practically impassable; cross a stream near Sirsi at 2 m. (impassable in the rains) by ferry carrying 10 men, and 2 nullahs en route, one fordable in dry season and the other bridged.
		PURNEA . . .	7	110	See Route 118. Country and road as in latter part of last stage; cross the Kosi at 6 m., by ferry carrying 10 men.
Total marches, 11 = 110 m.					
G. O. C. Presidency District, Fort William.		Collector of Purnea, Purnea.			

Route No. 183.
FROM DARJEELING TO OHIABHANJAN, on the Nepal Frontier.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Darjeeling, Darjeeling.	SUKHIA POKHRI . . . p-o. b.	10	10	A village; supplies must be collected; good water from springs; small C-G. at Jore Pokhri, 1 m. from Sukhia Pokhri; the road follows the Darjeeling Ry. as far as Ghum r-a., and is a good cart road.
		TONGHI . . . b.	11	21	No village; supplies must be collected; water from springs; small C-G. round b.; country mountainous; road, bridged, fit for pack animals.
		SANDAKPHU . . . b.	14	35	A bungalow in the forest; elevation, 11,980 ft.; no supplies; water from springs; small C-G. in b. compound; country and road as above; this is a very trying march with many stiff ascents and descents.
		PHULUT . . . b.	12½	47½	A bungalow in the forest; elevation 11,811 ft.; plentiful water from springs; limited C-G. N. of b.; country as above; road very trying.
		OHIABHANJAN . . . b.	6	53½	A bungalow; good water from springs; C-G. of limited extent, E. of b.; country as above; road very rough and trying.
		Total marches, 5 = 58½ m.			

FROM DARJEELING TO PANIGHATA, on the Nepal Frontier

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency Dist., Fort William	By Comd of Darjeeling District	SUKHIA POKHRI	10	10	See Route 183
		MIRIK	14½	24½	A small village, supplies must be collected good water from springs; small C-O N of b, road practicable for pack animals
		PANIGHATA 16,936 sq yds. p a	12½	37½	A village, supplies on notice, plentiful good water; road as above, cross the Bolasun R by a suspension bridge, E of and near which is C G
		Total marches, 3 = 37½ m			

Route No. 185.

FROM DARJEELING TO RHENOCK, on the Sikkim Frontier.

via RANGPETT

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner of Darjeeling, Darjeeling	RANGPETT p o b	10½	10½	A village on right bank of the Rangpett R, supplies must be collected good water from the river, small C G near police post; road 16 ft wide, well bridged maximum gradient 1 in 8, suitable for pack animals but carts can be taken from Rangpett as far as Tista Bridge in the dry season, there is an iron suspension bridge over the Rangpett R
		TISTA BRIDGE	7	17½	A bridge over the Tista R., supplies must be collected; good water from the river, small C-G about ½ m. above bridge, road as above greatest gradient 1 in 12.
		KALINPON 18,360 sq yds. p-o to b	2½	20	A small town, elevation 6,916 ft., supplies on notice; C-G E of bazar; road as above
		PADONG 22,650 sq yds p-o. to b	13	33	A village elevation 6,313 ft., supplies on notice; plentiful good water; C-G near b., country hilly, but open and cultivated; good metalled road, width 12 ft. greatest gradient 1 in 8; at 7 m a road runs S to Jalpaiguri; pass Prongong at 9 m
		RHENOCK 12,746 sq yds. p o b	5	38	A village in Sikkim, elevation 5,363 ft., no supplies, water good and plentiful, C-G near and on farther side of, the bridge over the Rasi et Chu at 3½ m., country hilly and wooded, road a hill track, greatest gradient 1 in 6
		Total marches, 5 = 38 m			

Route No. 185(a).

FROM DARJEELING TO RHENOCK, on the Sikkim Frontier

via PESHOK

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency Dist., Fort William	By Comd of Darjeeling District	PESHOK p-o b	17	17	A village elevation 5,715 ft., supplies must be collected; good water from a spring; small C-G near b. road for first 2 m. nearly level and fit for wheeled traffic, afterwards a hill road and only fit for pack animals
		KALINPON	5	22	Road only fit for pack animals, descends for first 3 m. to the Tista R. which is crossed by a suspension bridge
		PADONG	13	35	See Route 185
		RHENOCK Total marches, 4 = 40 m	5	40	

Route No. 186

FROM DEHRI TO ROHTAS (ROTASGARH).

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Mahabud D. A., Aib. Indus	Collector of Sahawal District	TILATHU 130 x 130 yds p o	8½	8½	NOTE—There is an alternative route during rainy season only by water; distance 23 m.; time for steamers about 9 hours against, and 5 hours with stream. Country boats would take 24 hours and 8 hours steam boats would have to be arranged for from Dehri, or Baran, and country boats could be collected from Baran, Daudnagar and other ferries. Troops would disembark at Akbarpur, 20 m., and march thence to Rohtas (Rotasgarh) as below
		TUMA 275 x 180 yds.	6½	16	A small town 1 m. from left bank of the Son, supplies procurable, good water, for a bath, from 3 wells on, and near C-G, which is W of village; country cultivated; road unmetalled, but raised and in good order; pass Dittawan at 5 m
					A small village near left bank of the Son; supplies must be collected; good water, for 500 yds, from a well E. of C G, latter E. of village; country hilly, road as in last stage

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arwah.	AKBARPUR . 350 × 330 yds.	8	28	A village near left bank of the Sonc; supplies procurable; good water, for 500 men, from a well W. of C-G., latir S. of village; country and road as above; cross a nullah, fordable, just before reaching camp. A celebrated hill fort; supplies on notice; good water from a tank; C-G. close to fort; country and road as above. Rotasgarh is built on a table-land 5 m. long by 4 broad, and about 28 m. in circumference; it is very difficult of access except on S. side.
		ROHTAS (ROTASGARH) 250 × 220 yds. p-o.	4	27	
		Total marches, 4 = 27 m.			

Route No. 187.
FROM DELHI TO AGRA.
via THE BANK OF THE AGRA CANAL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Delhi, Delhi.	From the camping ground to—			NOTE.—Troops can encamp at each halting place on cultivated land near the canal. A village; supplies on notice; good water from canal; country well cultivated; road metalled, 13 ft. wide, bridged and fit for all arms; pass Humayun's Tomb at 8 m. A village; supplies on notice; good water from canal; road unmetalled, but bridged and practicable for all arms; the canal is navigable for country boats and barges. A village; supplies and water as above; country and road as in previous stage; pass Barnali at 3 and Balatgarh at 6 m. A village; supplies, water, country and road as above; at 5 m. an unmetalled road crosses canal from Palwal, 4 m. W. A halting place; no village; supplies must be collected; water, country and road as above. A halting place; supplies, water, country and road as above; Hodal village is 6 m. W. of Basal. A halting place; supplies, water, country and road as above; pass Azizpur at 7 m. No village; halt at inspection b.; supplies, water, country and road as above; pass Suhar at 7 m. A village; supplies procurable; abundant good water from well on C-G., latter on canal bank; country and road as before. A halting place; supplies on notice from Beri; good water from a well at Beri village, 1 m. N. of C-G.; country well cultivated; road as above. A halting place; supplies on notice from Achmet, 4½ m. S.; plentiful good water from a well on C-G., country and road as above. A village; supplies from Ronkutta, 3 m. N-E. of C-G., which is on bank of canal; good water from a well in village; country and road as above. A village; supplies on notice; good water from a well close to C-G.; country and road as above. A large city, military cantonment and civil station; supplies abundant; plentiful good water from a well in British Infantry lines, ½ m. W. of C-G., which is on parade ground; road bad and not suitable for wheeled traffic.
		OKHLA . p-o.	13	18	
		FARIDABAD . p-o.	11	24	
		NANDKOL .	13½	87½	
		OHAJJUNAGAR .	7½	45	
		GHASABA . p-o. b.	9½	54½	
		SASAI . b.	7½	62	
		BHADAWAL . b.	11	73	
		BESONTHI . b.	14	87	
		OHOTA KOSI . b.	11	98	
		JAROLI . b.	6	104	
		BARANDHA . b.	6½	110½	
		MURENDA . b.	7½	117½	
		SIKANDRA . p-o.	5½	122½	
		AGRA . 1200 × 800 yds. p-o. t-a. r-a.	5½	128	
		Total marches, 14 = 128 m.			

Route No. 188.
FROM DELHI TO ALWAR as far as FIROZEPUR-JHIRKA (for remainder, see Bombay Route Book No. 268).
via SOHNA AND FIROZEPUR-JHIRKA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Delhi, Delhi.	KUTAB MINAR . b.	11	11	A small town; supplies procurable; abundant good water from two wells close to the Minar, near which is space for C-G.; country open and fairly cultivated; road good, metalled and bridged. Mahrauli (p-o.) is 1 m. S. A town and small civil stn.; supplies procurable; plentiful good water from wells; C-G. either at Sirhau, 10½ m., or close to town; road as before; a low range of hills is crossed at 5 m. The other road from Delhi to Gurgaon, via Basantnagar, 18 m., is in very bad order. A small town; supplies procurable; plentiful water from wells, but somewhat brackish; C-G. in fields N. of town; country much intersected; road as before.
		GURGAON . p-o. t-a. r-a. b.	13	24	
		SOHNA . p-o. b.	15	39	

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Meerut District, Meerut	By Commander of Gurgaon, Gurgaon.	NUH p-o. b.	11½	50½	A large village, supplies procurable, water as in last stage, site for C-G near b, country open and cultivated; road unmetalled but fit for all arms. A village, supplies from Nagana on notice, plentiful good water from wells; C-G in surrounding fields, country and road as in last stage; pass Sakras (p-o) at 6½ m. A small town; supplies procurable, plentiful good water from wells and a stream; C-G in fields S of town, country and road as in last stage.
		BHADAS b.	12	62½	
		FIROZEPUR-JHIRKA p-o. b.	12	74½	
		Total marches, 6 = 74½ m			

Route No. 188(a).

FROM DELHI TO ALWAR as far as KOT-KASIM (for remainder, see Bombay Route Book No 268(1)).

via REWARI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Meerut District, Meerut	By Commander of Delhi, Delhi. By Commander of Gurgaon, Gurgaon. By Commander of Jajpore, Jajpore.	SOHUL KI SARAI 120,000 sq yds	10	10	A small place; supplies scarce, abundant water from 4 wells on C-G, which is near a small grave-yard, country cultivated, road unmetalled, but fair. A small village, supplies from surrounding villages on notice, water from wells in village, limited supply and somewhat brackish, encamp in fields, country open, sandy, but fairly cultivated; road unmetalled very heavy and sandy, pass Chasumaha at 8 and Dalkot at 11 m. A large village, supplies on notice, abundant good water, C-G in fields, country and road as in last stage. A good metalled road runs from Patanda to Jataul (p-o), distant 8 m. A large town, supplies abundant, no good water obtainable nearer than from the Sayyid Jamal and other wells distant 2 m from C-G, which is 1 m N of town; country and road as before, the Sahibi stream, generally dry but impassable when in flood is crossed at 2 m. A village, supplies procurable; plentiful good water from wells, C-G in surrounding fields, country open and partly cultivated, road, an unmetalled and unbridged track 6 to 10 ft wide, not fit for carts and impassable in the rains.
		GABHI HARSARU p-o to r-o	18	28	
		PATAUDI p-o. b.	13	36	
		REWARI 187,000 sq yds p-o. to p-o. b.	18	49	
		KOT-KASIM p-o	16½	64½	
		Total marches, 6 = 64½ m			

Route No. 188(b).

FROM DELHI TO ALWAR as far as FIROZEPUR-JHIRKA (for remainder, see Bombay Route Book No. 268(2))

via PALWAL.

AUTHORITIES		Names of stages and size of encamping grounds.	D. STAGES		REMARKS.
Military	Civil		Miles.	Total	
G O C. Meerut District, Meerut.	By Comar of Delhi, Delhi. Deputy Commissioner of Gurgaon, Gurgaon	RADARPUR	12½	12½	See Route 18
		BALLABGARH	11	23½	
		BAGHAULA	10	33½	
		PALWAL p-o. to b.	½	38½	
		HATTIN p-o b	9½	47½	A small town; supplies procurable, plentiful good water from wells; extensive site for C G 1 m S-W of town, country open and well cultivated, road metalled and bridged.
		PINANGWA . p o	11½	59½	A large village, supplies procurable, abundant good water from wells; C-G in fields W of village, country as before, road unmetalled and heavy in parts pass Rasipur 2½ and Durgapur at 4½ m
		FIROZEPUR-JHIRKA	14	73½	A fair-sized village, supplies on notice, plentiful good water from wells, C G in fields N of village, country and road as before, latter sandy and heavy towards end of march
		Total marches, 7 = 76½ m				See Route 188. Country hilly at first, afterwards open and cultivated; road unmetalled sandy and very heavy, it forms a water-course in the rains, a low range of hills is crossed on leaving Pinangwa.

FROM DELHI TO ALWAR as far as FIROZPUR-JHIRKA (for remainder, see Bombay Route Book No. 268 (3)).

via HODAL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Delhi, Delhi. Dr. Commissioner of Gurgaon, Gurgaon.	BADARPUR .	12½	12½	See Route 18.
		BALLABGARH .	11	23½	
		BAGHAULA .	10	33½	
		BHAMANIKHERA .	10½	44½	
		HODAL .	14½	59½	A large village; supplies plentiful; abundant good water from wells; C.G. anywhere in vicinity of village; country level and irrigated; road unmetalled, 25 ft. wide, sandy and heavy for the last 4 m. Road as before, in fair order. See Route 188(b). For other remarks, see Route 188.
		PUNAHANA . p-o. b.	10½	69½	
		PINANGWA .	7	76½	
		FIROZPUR-JHIRKA. Total marches, 8 = 90½ m.	14	90½	

Route No. 188(d).

FROM DELHI TO ALWAR as far as BAHORA (for remainder, see Bombay Route Book No. 268 (4)).

via KASAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Delhi, Delhi. Dr. Commr. of Gurgaon, Gurgaon.	KUTAB MINAR .	11	11	NOTE.—This route is impracticable during the rains. See Route 188.
		GURGAON .	13	24	
		KASAN . p-o.	12	36	A small village; supplies on notice; plentiful good water from wells; C.G. in surrounding fields; road unmetalled, sandy and bad. A large village; supplies on notice; plentiful good water from wells; C.G. in surrounding fields; road as before.
		BAHORA .	6	42	
		Total marches, 4 = 42 m.			

Route No. 189.

FROM DELHI TO BIKANER as far as SINGHANA (for remainder, see Bombay Route Book No. 198).

via NARNAUL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Resid. in Pol. Asst. to Deputy Commr. of Gurgaon, Gurgaon. Resid. in Pol. Asst. to Deputy Commr. of Delhi, Delhi. Resid. in Pol. Asst. to Deputy Commr. of Panjab, Panjab.	SOHUL-KI-SARAI .	10	10	See Route 188(a).
		GARHI-HARSARU .	13	23	
		PATAUDI .	13	36	
		REWARI .	13	49	
		BHALKI, MAZRA .	11½	60½	Two small villages; supplies on notice; plentiful good water; C.G. in fields; country as before; the road is heavy and sandy, but practicable for carts.
		BEGPUR . 280 x 170 yds.	9	69½	
		NARNAUL . 56,000 sq. yds. p-o.	11½	80½	A small village; supplies on notice; abundant good water from 3 wells in vicinity of C.G., latter 800 yds. from village; country and road as in last stage. An old town; supplies on notice; good water from 4 wells and three tanks; no regular C.G., but site available; country and road as above; the Hansouti stream is crossed at 8½ m., generally dry, except in the rains.
		SINGHANA . p-o.	19	99½	
		Total marches, 8 = 98½ m.			A large town; supplies and water abundant; C.G. extensive and fairly good; country cultivated and studded with small hills; road fair but heavy in places. Khetri, a large place, is 10 m. S. of Singhana.

FROM DELHI TO BIKANER as far as BASI (for remainder, see Bombay Route Book No. 188(1))
and REWARI

AUTHORITIES		Name of places and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Meerut District, Meerut.	By G. O. C. Meerut District, Meerut. By G. O. C. Meerut District, Meerut. By G. O. C. Meerut District, Meerut. By G. O. C. Meerut District, Meerut. By G. O. C. Meerut District, Meerut. By G. O. C. Meerut District, Meerut. By G. O. C. Meerut District, Meerut. By G. O. C. Meerut District, Meerut.	SONUL KI SARAI	10	10	See Route 188(a)
		GARHI HARSARU	18	28	
		PATAUDI	18	46	
		REWARI	18	64	
		BHALKI, NAZRA	11½	75½	See Route 189
		BEGPUR	8	83½	
		NARNAUL	11½	95½	
		BASI	11	106½	
Total marches, 8 = 91½ m.					A small village; supplies from Narnaul, plentiful good water from wells C-G not marked, but plenty of spars in fields near village, country fairly cultivated and studded with small detached hills road fair

Route No. 190.

FROM DELHI TO BULANDSHAHR

via THE GRAND TRUNK ROAD

AUTHORITIES		Name of place and number of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut.	Colr of Meerut District, Meerut. Colr of Bulandshahr District, Bulandshahr.	GHAZIABAD	14½	14½	See Route 200
		DADRI	11	25½	
		SICUNDARABAD	11½	37½	
		BULANDSHAHR p. 202 a.	11	48½	
		Total marches, 4 = 48½ m			

Route No. 190(a).

FROM DELHI TO BULANDSHAHR

via MUJAWALI.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Meerut District Meerut.	Colr of Meerut District Colr of Bulandshahr District Bulandshahr.	BADARPUR	12½	12½	See Route 18
		MUJAWALI	14½	27½	A small village near right bank of the Jumna, supplies of, notices plentiful water from wells; no regular C.G. but extensive site available anywhere as country is level open and fairly cultivated; road metalled at first, but for the most part a mere cart track
		SICUNDARABAD	16½	44½	
		BULANDSHAHR	11½	56½	See Route 200 The road is a mere cart track as far as Dankaur, 5 m, thence to Bulandshahr, 10 m it is unmetalled but fair, remainder metalled the Jumna is crossed on starting by ferry, one boat carrying 200 mds available.
		Total marches 4 = 54½ m			

Route No. 190(b).
FROM DELHI TO BULANDSHAHR.
via CHAINSA.

119

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	By Commr. of Delhi, Bulandshahr.	BADARPUR .	12½	12½	See Route 13.
		BALLABGARH .	11	23½	
		CHAINSA .	11½	35½	See Route 25.
		JHAJJHAR .	12½	47½	
		BULANDSHAHR .	15	62½	See Route 190.
		Total marches, 5 = 62½ m.			Country as in last stage; road unmetalled for the first 5 m., thence metalled and bridged.

Route No. 191.
FROM DELHI TO HISSAR.
via ROHTAK AND HANSI.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	By Commr. of Delhi, Rohtak.	MUNDKA .	11	11	A small village; supplies on notice; plentiful good water from 5 wells in vicinity of C-G, site for which is N. of and close to village; country open and fairly cultivated; road metalled and bridged; cross the Sanbi at 4, and pass Madipur at 6 m.
		BAHADURGARH . 63,760 sq. yds. p-o. b.	8	19	A large walled town; supplies abundant; plentiful good water from wells and a tank, on and near C-G, which is N-W. of and close to town; country and road as before; pass Tikri at 5 m. Two unmetalled but good roads branch off from camp to Jhajjur (16 m. S-W.) and Deri (20 m. W.)
		SAMPLA . 141,688 sq. yds. p-o. b.	11½	30½	A small village; supplies on notice; plentiful good water from a well and tank near C-G, which is W. of and close to village; country and road as above; pass Jakhodra at 4½ and Rohil at 8½ m. An unmetalled road, 40 ft. wide, suitable for all arms, branches off from camp to Deri, distant 15 m.
		ROHTAK . 22,270 sq. yds. p-o. t-r. r-a. b.	15	45½	A small civil stn., with a canal; supplies plentiful; abundant good water from a well and tanks in vicinity of C-G, which is E. of and close to town; country and road as above; pass Ismulla at 2½, and Khori Sidh at 9 m.
		MODINA . 161,164 sq. yds. b.	20	65½	A small village; supplies on notice; plentiful good water from a well 100 yds. from C-G, which is S. of and close to village; country as above; road unmetalled except for first 3 m.; cross the Rohtak Branch canal (bridged) at 2 m.
		MAJIM . 123,690 sq. yds. p-o. b.	0½	65	A small town; supplies on notice; plentiful good water from 3 wells and a tank on and near C-G, which is W. of town; country and road as above; pass Kharkhara about half-way and cross a canal (bridge will not bear artillery) immediately afterwards.
		SORKHI . 400 x 370 yds. b.	12½	77½	A village; supplies on notice; plentiful good water from a well and tank W. of and close to C-G, which is 100 yds. E. of village; country as above; road unmetalled, 40 ft. wide, passable for all arms; a few canal distributaries are crossed by strong masonry bridges.
		HANSI . 160,370 sq. yds. p-o. t-r. r-a. b.	12	89½	A small town and old cantonment; supplies procurable; abundant good water from a well and tank W. of C-G, which is 1½ m. S. of town; country and road as above; cross one irrigation channel by a strong bridge; pass Garhi at 4 and Dhani at 7 m.
		HISSAR . 160,770 sq. yds. p-o. t-r. r-a. b.	14½	104	A small civil stn.; supplies plentiful; abundant good water from a well S. of and close to C-G, which is 700 yds. W. of stn.; country as above; road, unmetalled, 50 to 70 ft. wide, passable for all arms, runs near the Ferozepore canal all the way.
		Total marches, 9 = 104 m.			
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Hissar, Hissar.				

Route No. 192.
FROM DELHI TO MEERUT.
via BEGAMNAD.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut Dist., Meerut.	Collector of Meerut, Meerut.	GHAZIABAD .	14½	14½	See Route 266.
		BEGAMNAD . 103,800 sq. yds. p-o. r-a. b.	14½	29	A large village; supplies plentiful; abundant good water from a well; C-G. near r-a.; country level, open and cultivated; road metalled and bridged; pass Mundanagar r-a. at 8½ m.
		MEERUT .	10	45	See Route 26.
		Total marches, 3 = 45 m.			Country and road as before; pass Muhiuddinpur r-a. at 7½ m.

Route No. 192(a).
FROM DELHI TO MEERUT.
via BAGPAT AND THE HINDAN RIVER

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O Meerut District Meerut	By Commr of Delhi, Delhi Collector of Meerut, Meerut	From the Church to			
		BAKHTAWAPUR 200,000 sq yds	12	12	A small village, supplies on notice; plentiful good water from 4 wells, waste land E of road available for C-G, country level, open and fairly cultivated, road metalled and bridged, fit for all arms, cross the Jamna canal at 2½ and again at 5½ m
		BAGPAT p.o. t. t.	9½	21½	A small town, supplies plentiful, abundant water from a well and the Jamna; C-G anywhere on surrounding cultivation; country and road as before, cross the Jamna at 8½ m by bridge-of-boats in the dry season, by ferry in the rains, when 10 or 12 boats are available, each carrying about 200 mds.
		HINDAN RIVER Left bank of—	16½	37½	A halting stage, supplies on notice, plentiful good water from wells and the river, on cultivation on left bank of which is site for C-G, country and road as before, cross the E Jamna canal at 6½, pass Deola at 7, Jumna at 8, Halesi at 14½, and cross the Hindan R (bridge-of-boats in dry weather, ferry in rains) at 16½ m.
		NEERUT	10½	53½	See Route 28
		Total marches, 4 = 63½ m			Country and road as before, pass Bagbanathpur at 1½, cross canal at 4½ and join the Delhi Bagambad Meerut road at 13 m.

Route No. 193.
FROM DELHI TO MHOW, NASIRABAD OR NEEMUOH as far as SHAHJAHANPUR.
(for remainder of these routes, see Bombay Route Book Nos. 224, 226 and 237 respectively).
via REWARI

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut.	By Commr of Delhi, Delhi. By Commr of Gurgaon, Gurgaon.	SOHUL KI-SARAI	10	10	See Route 188(n)
		GABHI-HARSARU	13	23	
		PATAUDI	13	36	
		REWARI	13	40	
		SHARJAHANPUR 108,350 sq yds. P.O.	17	50	A small town, supplies plentiful, abundant good water from wells, C-G W of road, near village; country open, with a range of hills a few miles to the W, road sandy and heavy, 20 ft wide; pass Bharawas at 4½ m
		Total marches: 5 = 66 m			

Route No. 194.
FROM DELHI TO MORADABAD
via PILKHUWA AND GARHMUKTESAR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Meerut District, Meerut	Collector of Meerut, Meerut	GHAZIABAD	14½	14½	See Route 206
		PILKHUWA 120,005 sq yds p.o.	14	28½	A large village, supplies on notice, plentiful water from a well on C-G, country level and well cultivated, road good, metalled and bridged, cross the Ganges canal at 8½ m.
		OPHEYRA 62,160 sq yds	17½	46	A small village, supplies on notice; good water from a well on C-G country and road as in last stage; pass Hapur at 7 and cross the Kali Nadi at 11½, and the Choya Nadi at 14 m
		GARHMUKTESAR 128,005 sq yds p.o. b	13	60	A large town on right bank of the Ganges, supplies plentiful, abundant good water, C-G 1 m W of town, country and road as above pass Aithani at 9½, and join the road from Meerut at 12½ m.
		KUMHALA 169,180 sq yds.	10½	69½	A village; supplies on notice from Dherowara, 8 m N, plentiful good water from 2 wells on C G, country and road as before, latter very heavy across the old bed of the Ganges, cross the Ganges at 2, and a tributary at Tigr at 6 m, bridges-of-boats at both places in the dry season and ferry (10 or 12 boats each carrying 150 mds.) in the rains, pass Karla at 7½ m
G O C. Bahawal District, Bareilly	Collector of Moradabad, Moradabad	RAJAPUR 88,640 sq yds p.o.	8½	78½	A large village, supplies on notice; good water for 600 men and 200 animals from a well on C G, which is N of road, country and road as before, cross the Choya at start up, pass Jalapur at 3½, and Jhunnapur at 6½ m
		BUDHANPUR 121,800 sq yds.	12½	91½	A small village, supplies on notice from Amraha, plentiful good water from a well on C-G, which is N of road, country and road as before, pass Narangpur at 5½, Jua at 6 and Harmaun at 7½ m.
		MORADABAD	12½	103½	See Route 27
		Total marches, 8 = 103½ m.			Country and road as before; pass Lodhapor at 4, and cross the Ganghan stream (bridged) at 8½ m

Route No. 195.
FROM DELHI TO SAHARANPUR.
via BAGPAT AND SHANLI.

121

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Delhi, Delhi.	BAKHTAWAPUR.	12	12	See Route 192(a).
	Colr. of Meerut, Meerut.	BAGPAT . . .	9½	21½	
	Colr. of Meerut, Meerut.	BARAUT . . . p-o. t-s.	12	33½	A large village on left bank of the B. Jumna canal; supplies and good water plentiful; C-G., of unlimited area, in adjacent fields; country level, open and well cultivated; road unmetalled, only passable in dry weather; pass Satarpur at 7 m.
	Colr. of Meerut, Meerut.	AILAM . . .	14	47½	A large village; supplies on notice; abundant good water from 3 wells and canal; C-G. in adjacent fields; country and road as before; pass Kishanpur at 7 m.
	Colr. of Meerut, Meerut.	SHANLI . . . 85,120 sq. yds. p-o. t-s.	28	60½	A town; supplies and good water plentiful; C-G. N-W. of town; country and road as before; pass Kandhla at 4½ m.
	Colr. of Meerut, Meerut.	JALALABAD . . .	14½	75½	A town; supplies on notice; plentiful good water from 2 wells; a large area of waste land available for C-G.; country and road as before; latter metalled for the first 1½ m.; pass Harar at 9 and Thana-Bhawan at 12 m.
	Colr. of Meerut, Meerut.	RAMPUR . . . p-o.	13½	89½	A village; supplies procurable; water for 400 men from village wells; camp could be pitched on cultivation; country much intersected; road, a good unmetalled one, and fit for all arms.
	Colr. of Meerut, Meerut.	SAHARANPUR . . . 375 x 245 yds. p-o. t-s. r-s. b.	14	102½	A small civil sta.; supplies abundant; plentiful good water from 2 wells on C-G., latter N. of road and close to r-s.; country fairly cultivated; road as above.
		Total marches, 8 =		102½ m.	

Route No. 196.
FROM DERA GHAZI KHAN TO LORALAI as far as KHARR (for remainder, see Bombay Route Book No. 219).
via FORT MUNRO.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Pegmy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan.	GADAI . . . 400 x 400 yds.	11	11	A village; supplies on notice; good water from a well on C-G., which is close to village; country level and cultivated; road 24 ft. wide, unmetalled, but hard and good for wheeled traffic in dry weather, though liable to be flooded in part by the bursting of cultivators' bunds.
		TOMBI WALA . . . 400 x 400 yds.	10	21	A halting place; supplies must be collected; good water from a well (200 ft. deep) on C-G., and may be stored in iron tanks on notice; country as above for first 2 m., thence barren with sand hills; road 24 ft. wide, centre 9 ft. metalled.
		SAKHI SARWAR . . . p-o. b.	8	29	A village; supplies scarce; good water from a well (160 ft. deep) on extensive C-G., and may be stored in iron tanks on notice; country sandy, with low hills and a few stunted trees; road metalled and good; nullahs generally fordable.
		KAKHI GORGE . . . 91,960 sq. yds.	16	45	A halting place; supplies must be collected; good water from iron tanks on C-G., supplied by pipes from the gorge; country barren and stony; road as above; nullahs always fordable.
		KHARR (FORT MUNRO). . . 34,840 sq. yds. p-o.	13	58	A village, situated in a cultivated valley (1 m. x ½ m.), surrounded on all sides by rocky hills; supplies procurable; plentiful good water from a covered reservoir near C-G., which has a store-house on it; country hilly; road and nullahs as above, the former runs through a gorge in the hills and then along the Girda valley; at 6½ m. at Girda there is small site for encampment; cross the Kakhi nullah five times en route, the last time by a strong bridge. Fort Munro is 2 m. S-W. of, and 1,000 ft. above, Kharr.
		Total marches, 6 =		58 m.	

Route No. 197.
FROM DERA GHAZI KHAN TO RAJANPUR.
via FAZILPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Dera Ghazi Khan, Dera Ghazi Khan.	KOT-CHUTTA . . . 47,045 sq. yds. p-o. b.	14	14	A small village; supplies procurable; plentiful good water from wells and a canal; C-G. S. of village; country level, open and jungly; road unmetalled, but bridged and passable for all arms; pass Gaggia at 5½ m.
		JANPUR . . . 226 x 206 yds. p-o. t-s. b.	18	32	A small town; supplies procurable; plentiful water from wells and a canal; C-G. W. of town; country as above; road unmetalled, heavy in places but passable for all arms; pass Mana, a large village, at 6½ m.

Route No. 199(a).
FROM DERA ISMAIL KHAN TO DERA GHAZI KHAN.
 via THE DISTRICT ROAD.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Punjab Frontier Force Abbotabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan. Deputy Commissioner of Dera Ghaazi Khan, Dera Ghaazi Khan.	DARABAN KHURD	11	11	NOTE.—No. 199 is preferable to this route though longer, as it is near the Rind of 27, and is not so much subject to floods.
		PAROA . . . 35,600 sq. yds. p-o.	10	21	A small village; supplies limited; good water from streams; unlimited space can be cleared for C-G. on due notice; country level, open, and partially cultivated; road unmetalled and partly bridged, passable for light wheeled transport in fine weather, but intersected by nullahs which are difficult during the rains.
		MIHAN . . . 107,225 sq. yds. p-o. b.	11	22	A small village; supplies procurable; abundant good water from a well and the Indus, C-G. S. of village; country, road and nullahs as in last stage; cross the Luni stream (unpassable during heavy rains) at 5 and pass Nai Bala at 6 m.
		KALUWAL . . . 43,285 sq. yds. p-o. b.	11	43	A village; supplies procurable; good water from the Indus, 3 m. from C-G., latter being N.E. of village; well water suitable for animals only; country and road as before.
		NUTKANI . . . 43,285 sq. yds. p-o. b.	10	53	A small village; supplies procurable; good water from the Indus; space for C-G. near village; country and road as above; pass Trimun at 9 m.
		TIRBI . . . p-o.	6	59	A village; supplies plentiful; good water from the Indus; space can be cleared for C-G. on due notice; country, road and nullahs as above.
		NARI . . .	10	69	A village; supplies procurable, good water, for a battn., from 4 wells in village, near which is extensive site for C-G.; country, road and nullahs as before.
		TAUNSA . . . 215 x 130 yds. p-o. ta. b.	12	81	A small village; supplies procurable; good water, for a battn., from 3 wells in village, near which is extensive site for C-G.; country, road and nullahs as above.
		AHMADANI . . . 48,600 sq. yds. b.	16	97	A good-sized town; supplies and water plentiful, latter from one well adjoining the ground and 4 wells in town, N. of which is C-G.; country and road as above, passable for all arms; pass Durnat at 8 m.
		KALA . . .	7	104	A village; supplies procurable; abundant water from wells but somewhat brackish; C-G. W. of village; country barren and jungly; road as above; pass Bohur at 4 m.
		SHAH SADR-UD-DIN.	8	110	A small village; supplies procurable; abundant good water from wells; C-G. anywhere in vicinity of village; country partially cultivated; road as above; pass Lund (p-o) at 2 m.
		FIR ADIL . . .	8	118	A small village; supplies scarce; abundant good water from wells; C-G. W. of village; country and road as in last stage.
		DERA GHAZI KHAN.	8	127	A village; supplies procurable, water from numerous wells near village; ample open space for C-G.; country and road as above.
		Total marches, 13 = 127 m.			See Route 199. Country and road as before; cross the Shorin canal (bridged) at 44 m.

Route No. 199(b).
FROM DERA ISMAIL KHAN TO DERA GHAZI KHAN.
 via THE FRONTIER ROAD

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbotabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.	KHUTHI . . .	18	18	NOTE.—The civil authorities should always be consulted re the water-supply before using this route.
		SAGGU . . . 100,635 sq. yds.	6	19	A small village; supplies procurable; water scarce and quantity totally dependent on rainfall; plenty of space can be cleared for C-G. on notice; country level and open with partial cultivation; road neither metalled nor bridged, a fair road for rock animals in the dry season only.
		DARABAN . . .	14	33	A small village, supplies scarce; water obtained by digging pits in the bed of the Luni stream, C-G. S. of village, country and road as above; cross the sandy bed of the Luni (generally dry, but impassable when in flood) just before reaching village.
		CHAUDHWAN . . . 88,215 sq. yds. p-o. b.	11	44	See Route 198. Country and road as above; two deep ravines (impassable when in flood) are crossed en route.
		KOT THAGA KHAN	7	51	A village and outpost; supplies plentiful; abundant water from canals; C-G. N.W. of village, country and road as before, latter difficult in rains on account of nullahs; cross the Gudi stream at 2 m.
		KIRI SHAHMOZAI . . . 72,295 sq. yds. b.	10	61	A small village; supplies on notice; water very scarce and only procurable by digging pits in bed of nullah, space for C-G. can be cleared on notice; country and road as in previous stages, latter heavy in places; cross the Gujistan stream just before reaching village.
		DAULATWALA	11	72	An important village, supplies scarce; water obtainable by digging pits in bed of the Gujistan stream; C-G. E. of village; country and road as before; cross the Ramak stream just before reaching village.
					A village; supplies and water scarce, the latter depends on the rainfall; C-G. country and road as before.

ACTIVITIES.		Name of stages and also if encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan.	VEHOA 163,545 sq. yds. p-o. h.	8	80	A large village; supplies plentiful; abundant water from streams; C-G. N-W. of village; country and road as before; cross the Vehoa stream en route.
		JHOK BUDHU	19	99	A small village and outpost; supplies procurable; limited quantity of water from one well; C-G. country and road as above; cross the Litri nullah en route.
		MANGROTHA p-o.	16	108	A large village and outpost with a fort; supplies procurable; abundant good water from a perennial stream; C-G. anywhere near village; country cultivated; road as before; pass Kot-Kasrani (p-o.) at 8 m.
		MAHOI	22	120	An outpost commanding the Mahoi pass, one of the routes into the Buzdar hills; supplies scarce; water, for a battn., from a well in the post; C-G. on waste land; country barren; road as above; cross the Sanghar nullah and pass Bughlani en route.
		MANDANI	10	130	A village and frontier post commanding the Lori pass and entrance to the Buzdar hills; supplies scarce, but procurable; limited quantity of brackish water from one well; C-G. country and road as in previous stage.
		FARU p-o.	16	146	A large village; supplies on notice; good water from numerous wells in village; C-G. country and road as before.
		DERA GHAZI KHAN.	14½	160½	See Route 199.
		Total marches, 14 = 160½ m.			Country scantily cultivated; road as before, but low-lying and often impassable after rain; the Dhori, Manka and Shoria canals, all strongly bridged, are crossed en route.

Route No. 200.

FROM DERA ISMAIL KHAN TO FORT SANDEMAN as far as JATTA (for remainder, see Bombay Route Book No. 208).

via TANK.

ACTIVITIES.		Name of stages and also if encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Command of Dera Ismail Khan, Dera Ismail Khan.	POTHA 28,310 sq. yds. b.	10	10	A village; supplies procurable; good water from the Gomal stream close to C-G. level site for which is opposite village and N. of road; country level, open and fairly cultivated; road metalled and bridged.
		HATHALA 164,480 sq. yds. p-o. b.	10	20	A town; supplies procurable; water from the Gomal stream; camp on level ground opposite b.; country and road as above; from here a road goes to Kulachi.
		TANK 18,516 sq. yds. p-o. t-r. b.	16	42	A small town and military post; supplies plentiful; abundant water from tanks and canals; site for C-G. S-E. of tank; country and road as above.
		JATTA p-o. t-s.	16	57	A frontier post; supplies procurable; abundant good water from a tank, near which is an extensive site for C-G.; country as before; road metalled and bridged, fit for all arms; pass Hayat at 2, Fort Dabra at 10½ and Jatta village at 13½ m.
		Total marches, 4 = 57 m.			

Route No. 201.

FROM DERA ISMAIL KHAN TO WANO.

via THE GOMAL PASS.

ACTIVITIES.		Name of stages and also if encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Command of Dera Ismail Khan, Dera Ismail Khan.	POTHA	16	16	See Route 200.
		HATHALA	10	26	
		TANK	16	42	
	Political Officer, Wano.	MURTAZA POST	18	60	A military post; supplies on notice; water from 3 nullahs which run through the C-G. it being on right of road, close to post; the road is being metalled; pass Jatta at 15 m. where there is plenty of open ground for encampment; numerous water-channels are crossed by bridges, but they are narrow and weak.
		NILI KACH	11	71	A walled sarni; water in nullah running close under fort should be avoided for drinking purposes; all drinking water should be brought from the Gomal stream, about 2 m. distant; irrigation channels bridged; the road leads due W. and at 1 m. crosses a branch of the Gomal (bridged); at 2½ m. the stream is crossed by a wooden bridge, and the road then continues up and down along the right bank to 84 m. where the old and new roads diverge; the latter, although about 1½ m. longer than the former, avoids crossing the stream again and keeps to the right bank the whole way to Nili Kach, joining the old road at 64 m.
		KHAJURI KACH p-o. t-s.	16	86	A military and levy post; supplies on notice; the Zhob and Gomal streams unite here, but water for drinking purposes should be taken from the latter above the junction; ample space for C-G.; after leaving Nili Kach either of the two roads may be followed, but the best leads over the "Land Gwaleri"; it is

AUTHORITIES		Names of stages and place of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Punjab Frontier Force, Abbottabad	Political Officer, Wano	NGANDE OBA	15½	101½	A stony but the descent from the Kotol is a made zigzag road and is easy; the two roads meet again in the Gwaleri (or Humman) nullah. This road is called the new road and is not liable to be interfered with by floods like the other, at about 6 m. the Gwaleri nullah bifurcates the left branch leading to the Manan Kotol and the right to the Gwaleri Kotol keeping to the newly-made road at 8½ m. the ascent to the Gwaleri Kotol is commenced by an excellent hill road, and at 10 m. the crest (3,600 ft.) is reached, the descent is rather steeper than the ascent, at about 11 m. the road enters a narrow stony nullah bed until at 12½ m., when it strikes across a plateau and then keeps to the hillside above the level of the river to Khajuri Kool.
		WANO	14	115½	
		Total marches, 8 = 115½ m			A levy post, supplies must be collected, the water-supply is scanty from springs and pools S. of the post, in vicinity of which is plenty of space for C-G; the road descends from the Khajuri Kool post into the bed of the river and at 1 m. crosses the Zheb and at 1 m. the Gomai stream, water in both about 1 ft. deep in October; it then follows the right bank of the Karkana nullah in a N W direction over a stony plain to 4½ m., when it crosses the nullah, at 5 m. it enters the nullah and at 6 m. ascends the right bank, and after crossing the nullah twice leaves it and turns westward to the Karkana Kotol where a road leads W to Spin; cross the Gardai Dag at 10½ m., and after gently rising and falling, and crossing some nullahs, Ngande Oba is reached at 10½ m.
					A military and levy post with a large fortified enclosure, abundant supplies and good water; the road crosses a level plateau and two nullahs in the first mile then ascends a small Kotol, from which it descends to a small gorge of the Sanzala at 2½ m. it winds up the gorge among low hills, until it comes out on a plateau at 4½ m., near a perennial spring, a large water channel which takes off from the Toi above Karab Kot is brought into the Sanzala near this point, the road follows the line of this water channel for some 2 m. past the walled village of Karab Kot and at 6½ m. descends to the bank of the Toi, passing some walled villages and towers and the junction of the Tazra nullah up which a track, fit for laden camels, leads to Khazara, at 11½ m., when just S of Kolkum hill, it ascends the left bank of the Toi on to the Wano plateau.

Route No. 201(a).
FROM DERA ISMAIL KHAN TO WANO.
old THE SHAHUR AND KHAIBARA VALLEYS.

AUTHORITIES		Names of stages and place of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Punjab Frontier Force, Abbottabad.	By Command of Dera Ismail Khan Political Officer, Wano.	POTHA	16	16	See Route 200
		HATHALA	10	26	
		TANK	16	42	
		KOF KIRGHI	19½	61½	
		JANDULA p o t-s.	6	61½	An outpost; supplies and firewood in small quantities; water from the Zam, above which, on a stony plateau is extensive site for C-G, leaving Tank the road enters a level, well cultivated plain, at about 5½ m. it enters a stony plain, and after leaving Zam Post a mile on the left, reaches the gorge from which the Zam issues into the plain at 8 m.; the track now proceeds for 3½ m. up the broad river bed (never more than 2½ ft. deep), then ascends the right bank to the plateau on which the outpost is situated.
		HADARI KAOH	6½	71	An outpost; good water from the Zam, plenty of space for C-G W and S of the outpost, the road descends steeply and follows the bed of the Zam some 4½ m. to the Hims Tangi, the stream has to be forded some 15 times, causing considerable delay to baggage animals, about 1 m. from the western end of the Hims Tangi the road ascends to a cultivated plateau, along which it passes until the outpost is reached.
		BARWAND	12	83	A levy post, good water from the Shahur, on right bank of which is spacious site for C-G, the road descends the right bank and continues up the rough and stony bed to the junction of the Zam and Shahur rivers at 4 m.; the bed of the Shahur is then followed, at about 5½ m. the river enters the Shahur Tangi, this defile is 2½ m. long with precipitous heights on each side. Track there is little or none, and a way has to be picked between the boulders and the stream constantly forded; this route being a confined river-bed is not capable of much lasting improvement, and must be dangerous, if not quite impassable, during floods; on leaving the Shahur Tangi at 7½ m., the Shahur (now wider) is followed for 2 m., and a track then ascends the right bank on to an open plateau, commanded by hills on the S, to the levy post.
		TANGI RAGHA	8½	91½	A large plateau, partly under cultivation, supplies must be collected, water procurable, camp near a ruined fort and enclosure, water-channel to W; road easy throughout, camels keep to bed of stream all the way, path crosses stream on to plateau on left bank, then ascends and crosses the Dandoti Algod on to open ground between it and the Shahur, reach Turan Chins at 4 m. (where there is ample space for C-G and good water obtainable) then cross the bed of the stream and keep over open plain on right bank to 8 m., road very good, then into the stony bed of the river again to Barwand.

A plateau high above the stream, supplies must be collected, water obtainable, spacious site for C-G road easy throughout, cross Barwand plateau for a mile, then descend into broad bed of stream and keep along it for remainder of the way; at 7½ m. Para Khol Kot is passed on right bank.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Political Officer, Wano.	KUNDI WAM	7	98½	A group of villages at lower end of the Khinisa Valley; fodder and sheep plentiful; good water from the Shahur Algard; camp on a plateau, plenty of room but most of the ground cultivated; road throughout improved; descend and cross stream, thence an easy ascent by new road and round hill at E. end of Narai Tangi, whence descend into a ravine and cross a low spur to river bed at 2 m.; then for a mile up river-bed, turn up ravine to right and ascend to the Narai Bagha (where there is ample space to camp and abundant good water); the above road avoids the lower Narai Tangi, which is so narrow that a laden camel can scarcely pass through, the distance by it being 1½ m.; leaving Narai Bagha descend into ravine and up it for about a mile, then ascend (gradient easy) to the Shrawanai Kotai; from the top descend about ½ m. by easy road into a nullah and down it to Kundiwam.
		WANO	12	110½	
		Total marches, 10 = 110½ m.			

Route No. 201(b).
FROM DERA ISMAIL KHAN TO WANO.
via SARWAKAI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Comar of Dera Ismail Khan, Dera Ismail Khan. Political Officer, Wano.	POTHA	16	16	See Route 200.
		HATHALA	10	26	
		TANK	16	42	
		KOT KIRGHI	15½	55½	See Route 201(a).
		JANDULA	6	61½	
		HAIDARI KACH	9½	71	
		SARWAKAI p-o. t-s.	11	82	A military outpost; camel grazing plentiful; water-supply good and abundant from springs to the W. of the post; spacious site for C-G.; crossing the river the track crosses a plateau on the left bank for about a mile, and then crosses to the right bank, which is followed for about ½ m.; it then proceeds up the bed of the river until the junction of the Shahur and Darnoti rivers is reached at 1½ m.; here the route goes up the bed of the Darnoti to 6½ m., then leaves the bed, and ascending the left bank crosses a small plain and spur and descends again to the bed; the track now crosses a plain in a westerly direction until it reaches the lower slopes of a spur from Kundighar, on which Sarwakai Fort is built.
		NGANDE OBA	11	98	
		WANO	14	107	
		Total marches, 9 = 107 m.			

Route No. 202.
FROM DERBAND (HAZARA) TO OGHI, in the Agror Valley.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Comar of Hazara, Abbottabad.	NIKA PANI	9	9	Note.—The stage Shergarh may be omitted, the distances being short. The road is about 10 ft. wide, and unmetalled; practicable for cavalry and camel transport; gradients generally easy, but in places 1 in 10.
		SHERGARH	7½	16½	
		OGHI	4½	21	A small village on right bank of the Unar; supplies must be taken on from Derband; water from the river; extensive space for C-G. close to the village; country mountainous; pass Baroti at 3 m., where the road descends to the Unar and continues along its banks, crossing the stream several times.
		Total marches, 3 = 21 m.			

A small village on left bank of the Unar; supplies must be taken on from Derband; water from the river; extensive site for C-G.; country as in last stage; pass Chukal at 4 m.

See Route 1(a).
 Country as before.

Route No. 203.

FROM DHARMSALA TO SRINAGAR.

via OHAMBA, BHADARWA, AND KISHTWAR

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.	
M. Hary.	Chif.		Miles	Total		
G.O.C. Lahore District, Muzaffargarh by G.O. Lahore, Kangra, Dharmasala	Chamba Territory	Superintendent of Chamba Chamba	SHAHPUR	12½	12½	See Route 175
			SIHUNTA p-o	12	24½	A good sized village, supplies and good water procurable, extensive site for C.G. near village, country fairly level and partially cultivated, road a good wide track
			CHAOHARI	13	37½	See Route 175(a) Road fair, but fatiguing owing to crossing a number of small hills, there is another road from Dharmasala to Chaochari via Nurpur
			CHAMBA	16	53½	See Route 174. Road fairly good with occasional ascents and descents; a suspension bridge over the Ravi near Mongla village
			MANJERI	14	67½	A small village, supplies and good water procurable, country mountainous, and for the most part uncultivated; road good at first, afterwards stony and difficult; a steep descent to a branch of the Ravi (bridged), then pass by an old garden, called Saroli after which there is a stiff ascent up a stony ravine then along the sides of a hill for 2 m., descend through the stony bed of a dry hill torrent to the banks of the Shun, a tributary of the Ravi, the stream is very rapid but of no great width at the ferry, then ascend to Manjori, which is situated about ½ m. from the top of a hill
			SUNU	14	81½	A good-sized village, supplies and good water abundant, country and road as in last stage, after finishing the ascent, the road descends to the Shun, which is crossed at Dugi at about 9 m. and thence continues along the river bank to Sunu
			LANGERA	10	91½	A small hamlet, elevation 5 078 ft., consisting of six or seven houses, on the roofs of which tents must be pitched, there being no level ground near, no supplies, good water procurable, country as above, road tolerably good, following the windings of the Shun, occasionally stony ascents and descents
			TENALA	12	103½	A small village at the foot of the Poda pass, supplies scarce, good water procurable, country mountainous, with little cultivation, road difficult; a steep ascent to the top of the pass, following the stony bed of a stream (elevation of the summit about 8,000 ft.), then a long descent to Tenala
			BHADARWA p-o	8	109½	A considerable-sized place, elevation 5,400 ft., supplies and water abundant, country a valley with rice cultivation, road good, crossing several small hill streams
			JARA	17	126½	A small village; supplies scarce, good water procurable, country mountainous, the valleys are covered with apple, pear, and guinea trees, road very fair, cross over a small hill on starting and pass Chinchora at 5 m. thence a long ascent to the ridge of a hill, along which the road runs level for some considerable distance, a similar descent on the other side
			JOSHNI	14	140½	A small village; supplies scarce, good water procurable, country at first well wooded after which bare hills with the Chenab flowing below, road difficult in places; nullah bridged
			KISHTWAR p.o.	15	155½	A large town with fort (elevation 5,000 ft.), on an elevated plateau at junction of the Chenab and Maru Wardwan rivers, supplies and good water plentiful, country mountainous with little cultivation; road difficult and in places narrow, following the windings of the Chenab
			MUGHAL MAIDAN	10	171½	A small village, supplies very scarce, plentiful good water, country wooded; road difficult in places; on starting there is a long descent down some stone steps to the Chenab, the bridge over which is very primitive, 1 m. further on the Maru Wardwan is crossed by a similar bridge; the road then ascends for about 5 m. after which there is a steep descent to C.G., laden coolies can cross these bridges, but not ponies or mules.
			Kashmir Territory	Resident in Kashmir Srinagar	SINGPUR	16	187½	A few huts inhabited by Hindus; no supplies, plentiful good water, country well wooded; road very fair
WANKUINGI	10	203½			A few huts under the pass, supplies scarce; water procurable, country mountainous, famous pasture land, but no cultivation, a steep pull to the top of the Marbal pass, 11,500 ft. elevation with a similar descent on the other side	
WANGAM	12	215½			A village; supplies scarce; water plentiful, country tolerably level, road very fair, pass lower at 4, and Gahua at 7 m., then cross two streams.	
ISLANABAD p-o	17	232½			A good-sized town situated on the right bank of the Jhelum, the river here runs with a gentle current and is navigable to Baramulla the N-W end of the valley, supplies and water abundant; country level open and well cultivated, road good, cross the first nullah at Baddra at 4, pass Sagam at 6 cross the second nullah at 7½ the third at Hokra at 10 and pass near Biegh at 12 m., here the Shababad road joins in, the Jhelum is crossed at Islamabad, some of the streams are difficult after heavy rain.	
AVANTIPUR	18	250½			A village; supplies procurable, water plentiful, country as in last stage, road good, running down the right bank of the Jhelum, which is crossed at 1½, and again at Bq Baham at 6½ by bridges, pass Muchana at 8½ and cross two nullahs at 12 and 14 m.	
SRINAGAR p-o &c.	17	267½	See Route 8. Country as before, road good following the course of the Jhelum, pass Pampur at 9½ m. Islamabad to Srinagar is generally done by water in from 12 to 15 hrs			
Total marches, 19 =						
267½ m.						

Route No. 204.
FROM DHUBRI TO GOALPARA.

129

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Goalpara, Dhubri.	GAURIPUR p-o. t-s.	6	6	A large village; supplies procurable; indifferent water from the Gadadhar R., near which is extensive site for C-G.; country low and inundated during the rainy season; road, an unmetalled bridle path, passable for all arms, except heavy artillery; pass Tiarnai at 4 m.
		BAGRIBARI 66,600 sq. yds. p-o. t-s.	15	21	A large village; supplies scanty; good water from Tipkal stream, on bank of which is site for C-G.; country and road as in last stage, latter much cut up by nullahs; cross the Gadadhar R. at 9 m. by a ferry carrying 20 men.
		BILASIPARA 695,000 sq. yds. p-o. t-s.	6	27	A large village; supplies procurable; plentiful good water from a well in bazar; site for C-G. on right bank of the Brahmaputra; country and road as before; cross the Tipkal on starting and the Bankas at 2½ m., by ferry at each, carrying 20 men.
		CHAPAR p-o. b.	15½	42½	A small village; supplies limited; good water from Champamoti R., near which is site of C-G.; but country open and partially cultivated; road as before; cross the Gaurang and Tarang rivers, both by ferry.
		SALMARIA-NORTH 880 x 85 yds. p-o. b.	20	62½	A village; supplies limited; good water from Kazia stream; C-G. ½ m. from village; country and road as above; cross the Champamoti R. at 4 m. by ferry.
		GOALPARA	16	78½	See Route 165.
		Total marches, 6 = 78½ m.			Country mostly jungle; route 11 m. by road and 5 m. by the river; road unmetalled, width 12 ft., crosses several rivers and nullahs, some of which are temporarily bridged; pass Kabeitari at 4 and Chantaki at 10 m.; ferry-boats are always available on the Brahmaputra.

Route No. 205.
FROM DHUBRI TO SADIYA.
via THE ASSAM TRUNK ROAD.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Goalpara, Dhubri.	JANADARHAT 45,000 sq. yds. p-o. b.	9	9	A village; supplies on notice; abundant good water from a well and shed near b., close to which is site for C-G.; country open and cultivated; road 12 ft. wide, unmetalled, but bridged and suitable for all arms; cross the Brahmaputra on starting by a steam ferry carrying 300 men.
		LAKEHIPUR 300 x 200 yds. p-o. t-s. b.	13	22	A large village; supplies on notice; plentiful good water from the Jinjiram R. and from a well near b., E. of which is C-G.; country and road as in last stage; cross the Gora R. at 8 and the Panthai nullah (unbridged) in 10th m., latter by ford in dry season, by ferry, carrying 20 men, in the rains; from Lakehipur a road 10 ft. wide, unmetalled, not fit for wheeled traffic, goes to Goalpara, 25 m.
		BAIDA b.	8½	31½	A few small villages; supplies scanty; limited quantity of water from a well and tank near b., sites for C-G. being close to latter; country jungly; road as in last stage.
		AGIA 350 x 200 yds. p-o. b.	10½	41½	A small village; supplies on notice from Goalpara, 8½ m. distant; good water from two small wells and the Jinjiram stream; ground available for C-G. ½ m. N. of b.; country and road as in last stage.
		KRISHNAI 300 x 250 yds. p-o. b.	8½	50	A small village; supplies scarce; good water from the Krishnai, on left bank of which and opposite police thana is a site for C-G.; country, paddy-fields and forest land; road as before.
		DARANGIRI 200 x 150 yds. p-o. b.	13½	63½	A small village; scanty supplies; good water from a well near b., in fields S. of which is C-G.; country and road as in last stage; cross the Krishnai R. on starting and the Dudesi R. in 9th m., latter unbridged, by ford in dry weather, by ferry, carrying 20 men, in the rains.
		DRUPDHARA 200 x 100 yds. b.	11½	75½	A small village; supplies scarce; good water from a well near b., and also from a stream; C-G. E. of sarai; country and road as in last stage.
		BOKO 300 x 180 yds. p-o. b.	10	85½	A village; supplies on notice; plentiful good water from the Boko R.; site for C-G. close to b.; country hilly and partially cultivated; road as before, the present bridges are temporary; cross the Singra R. in the 6th m.
		CHAGGAON 500 x 80 yds. p-o. b.	13	97½	A village on the bank of the Kuli; supplies on notice; plentiful good water from the river, on bank of which is site for C-G.; country, road and bridges as in last stage; cross the Boko R. on starting.
		PALASBARI 400 x 100 yds. p-o. t-s. b.	12	109½	A village on left bank of the Brahmaputra; supplies on notice; plentiful good water from the river, on bank of which is site for C-G.; country open and well cultivated; road 2½ ft. wide, unmetalled, but bridged and practicable for all arms; cross the Kuli on starting, the Dhang-Kukumura in the 3rd and the Kukumura in 4th m., all by ford in dry season, by ferry in the rains.
		GAUHATI 300 x 125 yds. p-o. t-s. r-s. b.	14	123½	A civil stn. and hd-qrs. of the Kamrup district; supplies on notice; abundant good water; site for C-G. near the Commissioner's office; country level and cultivated; road as in last stage, but bridged throughout, and metalled for the last 5 m.
		CROSS ROADS	10	133½	A halting place; supplies on notice; good water from a stream; small site for C-G. E. of road; country as in last stage; road 20 ft. wide, unmetalled, but bridged and fit for all arms.
		SONAPUR p-o. t-s. b.	8	141½	A small village on the bank of the Digra R.; supplies on notice; good water from the river; unlimited land which can be cleared on a few days' notice, available for C-G.; road as in last stage, winds through low hills covered with dense jungle; there is an old bridle road from Gauhati via Amchang to Sonapur.

APPROPRIATE	Military	Civil	Number of villages and other encamping grounds	DISTANCE		REMARKS
				Miles.	Total.	
G O C Assam District Stationer	Deputy Commissioner of Jowgaon Nowgaon		NANKHOLA p-o t-r-s b	14½	150½	A village, supplies procurable, limited supply of indifferent water from a well; C-G as in last stage country, road and bridges as before. The Jagti road from Nankhola to Nowgaon makes the following stages— SHAGATADON 6½ 6½ A large village on the N bank of the Kalang R., which is crossed by ferry JASUNGHAT 7½ 12½ Pleafiful water, supplies procurable JHALGUTTI 7½ 20 Supplies and water obtainable. BARTUTIA 4½ 24½ Water from a well in b compound NOWGONG 12½ 37½
			AMLSGHAT	6½	102½	A small village, supplies on notice, fair water from the Um Lam R., C-G as in last stage country jungle and all forests; road as before, cross the Um Lam at 6½ m., by a ferry carrying 40 men
			OHARANTUL p-o t-r-s b	8½	170½	A village on the Kopli R.; supplies procurable, fair water from the river; C-G as above, country, road and bridges as before, pass Nakhola at end of stage cross the Kopli by ferry at end of march
			ROHA p-o t-r-s b	12	182½	A village on the Kalang R., supplies obtainable, fair water from the river and a well; C-G as before, country flat, swampy, and partly cultivated road as above Chapparmukh (p-o) in 2 m due S.
			NOWGONG 27,500 sq yds p-o t-r-s b	24	180½	A small civil sta on the Kalang R., supplies obtainable, plentiful good water from the river and wells C-G S of jail; country road and bridges as before cross the Kalang at Roha and again at Nowgong, by ford in dry season, by ferry at each crossing in rains
			BHELUGURI	11½	206½	A village on the Kalang R., supplies on notice; fair water from the river, unlimited space for C-G can be cleared on a few days notice; country and road as above, pass Purnagudam (p-o) a large village, at 8 m
			DISU RIVER	8½	216½	A small village, supplies on notice, fair water from the river; C-G country, road and bridges as before
			JOKLABANDHA p-o b	12	228½	A village supplies on notice, fair water from the Kalang R., C-G, country, road and bridges as before, pass Nemo (p-o t-s) at 2 m
			DEOPANI RIVER	14	242½	A halting place, supplies on notice, fair water from the river C-G as before; country jungle; road and bridges as above, cross the Deopani at end of stage by ferry additional boats on notice, pass the Anguri and Palkhal tea gardens en route
			HATHIKHALI	10	252½	A tea garden; supplies on notice; good water from the Diphla R., C-G, country and road as before
			DIPHLEU RIVER	15	267½	A tea-garden; supplies on notice, good water from the river; C-G as above; country, road and bridges as before, pass Kharanga (p-o) at 7 m
			NANALIGARI	11	278½	A tea-garden; supplies on notice good water from the Dhaanuri R. C-G, country and road as before; cross the Diphla at starting and the Dhaanuri at end of stage by ferry pass Bolakhal (p-o t-s) en route
			BADLIPAR p-o t-r-s b	10	288½	A tea garden supplies on notice; good water from wells near garden C-G as before; country cultivated; road as above; pass Hamragan at 3 m where a road branches off to Golaghat 17 m distant.
			DERGAON p-o	7	295½	A village; supplies on notice; plentiful good water from a tank, C-G, country and road as before, the road from Shikarghat to Golaghat passes through Dergaon
			BORDHOLI RIVER	8	303½	A halting place, supplies on notice, good water from a well and indifferent water from the river C-G, country and road as before, cross the Kakodanga stream and pass Kakodanga en route
G O C Assam District Stationer	Deputy Commissioner of Shikarghat		JORHAT 200 x 100 yds. p-o t-r-s b	8	311½	A small civil sta, supplies plentiful, excellent water from a large tank and wells; C-G N of tank, country and road as above.
			KAKAJAN b.	10	321½	A village and tea-garden; supplies on notice, abundant good water from streams and a well, ample space can be cleared on notice for C-G, country and road as above
			JHANJY p-o b.	9	330½	A small village, supplies on notice good water from the Jhanji R.; C-G country and road as above, cross the Jhanji at end of stage, by ford in the d-y season, by ferry in rains
			GAURISAGAR p-o b	8	338½	A village, supplies on notice, good water from a tank near b, C-G, country and road as before; nearest steamer sta. on the Brahmaputra is Dikhumukh, 9 m
			SEESAGAR 200 x 100 yds	8	346½	A small civil sta; supplies plentiful; good water from a tank; C-G W of sta; country and road as above, cross the Dikhu at 7 m by ferry; extra boats on notice.
			DIMU RIVER b	12	358½	A halting place; supplies on notice, good water from the river; ample space can be cleared on notice for C-G country partly cultivated; road as before, pass Rajma (p-o t-s) at 9 m.
			DIHING RIVER	9	367½	A halting place, supplies on notice fair water from the river, C-G as in last stage; country, a forest; road as above, cross the river by a 1st class ferry
			SESSA GARUNIA b	9	376½	A small village; supplies on notice, good water from the Sessa R., C-G as before; country partly cultivated partly waste; road as above, cross the Sessa (bridged) in 5th m.
			SIBGUGARH 500 x 300 yds. p-o t-r-s b	11	387½	A small enclosure and civil sta, supplies procurable plentiful good water from wells C-G on parade ground, country and road as above.
			CHABUA 800 x 800 yds p-o t-r-s	17½	405½	A small village, supplies on notice, plentiful good water from wells near C-G, country and road as before
Deputy Commissioner of Lakhimpur, Dibrugarh			TINSUKIA 500 x 300 yds. p-o t-r-s b	12	417½	A small village; supplies on notice; plentiful water from a tank, near which is site for C-G country and road as before
			BOON BOOMA 600 x 300 yds p-o t-r-s b	15½	433½	A small village, supplies on notice, good water from a well near black house and from the river, close to which is site for C-G, country and road as before

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Lakhimpur, Dibrugarh.	SAIKWA GHAT 800 x 800 yds. b.	16½	449½	A small village on the Brahmaputra; supplies on notice; good water from the river, near which is site for C-G.; country and road as before; pass Talap at 6 m.
		SADITA 800 x 800 yds. p-o. t-s. b.	5	454½	A military outpost of GO rifles on the right bank of the Brahmaputra; supplies on notice; good water from the river, near which is site for C-G.; country and road as before; cross the Brahmaputra on starting by ferry; during the rains small steamers run to Dibrugarh and back, taking 16 hrs. up and 7 hrs. down. The road continues N. to Kerampun, 11 m., and to Bowjur, 24 m.
		Total marches, 42 =		454½ m.	

Route No. 206.
FROM DHUBRI TO TEZPUR.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Goalpara, Dhubri.	GAURIPUR	6	6	See Route 201.
		BAGRIBARI	15	21	
		DILASIPARA	6	27	
		CHAPAR	15½	42½	
		SALMARIA-NORTH	20	62½	
		RAHA 25,000 sq. yds. p-o. t-s. b.	17½	80	
	Deputy Commissioner of Kamrup, Goalhati.	BHAWANIPUR 300 x 300 yds. p-o. b.	15	95	A village; supplies scanty; good water from a stream, on bank of which is C-G., close to b.; country and road as in last stage; cross the Bonki R. at d, pass Hailpakri at 7, cross the Sara Monas at 11, by a ferry, and pass Kaljha at 12 m.
		PATACHARKUCHI p-o. b.	13	108	A village; supplies procurable; good water from the Kaldia R.; small site for C-G. in b. compound; country flat and well cultivated; road as in last stage; cross the Dhumarkur R. at 1, by a ferry carrying 20 men, pass village of Pahamaraghat in 6 m. and cross a river of the same name by a ferry or by ford.
		BAROMA p-o. b.	8	116	A village; supplies procurable; good water from the Pagladia R., near which and in b. compound is small site for C-G.; country and road as above; cross the Kaldia on starting and the Tibu R. (fordable in cold season) at 2 m., by ferry carrying 20 men.
		NALBARI p-o. b.	8	124	A village; supplies procurable; good water from the Noa Nadi, on bank of which, and 1 m. from b. is site for small C-G.; country and road as above; cross the Pagladia on starting, by ford in dry season, by ferry in rains, and the old bed of the Noa Nadi at 7 m.
		RANGIA 400 x 300 yds. p-o. b.	12	136	A village; supplies procurable; good water from the Borolia stream, near which, and close to b. is C-G.; country and road as before; cross the Noa Nadi on starting, and the Nuna at 5 m. by temporary bridges in dry season, and ferries carrying 20 men each in the rains.
		DAMNICHAUKEI b.	15	151	A village; supplies procurable; good water from the Bor Nadi, on right bank of which is small site for C-G.; country and road as before; cross the Borolia R. on starting and the Pathbari at 5 m. the former by temporary bridge in the dry season and by ferry in the rains, the latter by ferry all the year round; pass Kamalpur (p-o.) in 9 m. where there is space to encamp, and good water from the Sisojan stream, which is crossed by an iron bridge; at 11½ m. a road branches off S. to Goalhati, distant 15 m.
	Deputy Commissioner of Darrang, Tezpur.	MANGALDAI p-o. t-s. b.	16	167	A small civil stn. and hd-qrs. of the Mangaldai sub-division; supplies abundant; good water from a tank in the bazar, close to which is small site for C-G.; country and road as before, except that the latter is strongly bridged; cross the Bor Nadi in 1st m. by ferry carrying 30 men; pass Sipajhar at 7, cross the road from Kalaimon to Mangamati Ghat at 13, the Noa Nadi in 14, and the Mangaldai R. in 16 m.
		DAIGAON 400 x 400 yds. b.	20	183	A small village; supplies on notice; good water from a well near the b.; site for C-G. close to village; country and road as before; cross the Bega stream at 2½, the Deiphong at 8, and the Mora Dhanisiri at 11 m., by strong bridges.
		ORANG 600 x 300 yds. p-o. b.	14½	197½	A small village; supplies on notice; good water from the Panchoi stream, on bank of which is site for C-G.; country grass jungle; road as above; cross the Jhya Dhanisiri at 3, by ferry carrying 30 men, pass Kumpati tea-estate at 4, cross the Mora Rautia at 5, by ferry, or ford, the Panchoi at 5 m., by ferry, and the Kukrakata at end of stage, also by ferry.
		DREKIAJULI 250 x 200 yds. p-o. t-s. b.	7	204½	A tea-garden and a small bazar; supplies on notice; good water from the Dhir stream; close to which is site for C-G.; country and road as before; cross the Sirojuli stream at 4 m., fordable in dry season, ferry in the rains. A bridle path to the police outpost of Doimari runs N. at 2 m.
		GABHORUGAON 150 x 100 yds. b.	11	215½	A small village; supplies scanty; good water from the Mora Gabhoru stream, on right bank of which is site for C-G.; country and road as before; cross the Belsiri R. at 6½ m., fordable in dry season, by ferry in rains.
		TEZPUR 850 x 410 yds. p-o. t-s. r-s. b.	13	228½	A civil stn. and hd-qrs. of the Darrang District; police-post and steamer-ghat on the Dihmaputra; supplies procurable; good water from the Mora Bhovel R., on bank of which, 3 m. E. of Tezpur, is site for C-G.; country open and cultivated; road as before for first 10 m., thence metalled; cross the Gabhoru stream on starting, by ford in dry season, by ferry in rains.
		Total marches, 18 =		228½ m.	

Route No. 207.
FROM DIBRUGARH TO JEYPORE (ASSAM,

ADVERTISING		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Assam District, Shillong	Deputy Commissioner of Lakhimpur, Dibrugarh	MADARKHAT b.	10	10	A village, supplies scanty good water from the Sessa R. and a well close to C. G. small site for which is about $\frac{1}{2}$ m N of village country flat and cultivated road 15 ft wide, unmetalled, but strongly bridged, pass Labohi rs at 6 and cross the Sores R at 7 m
		TENGAKHAT p-o b	9	19	A village, supplies procurable, good water from 3 wells close to small C-G, which is in b compound, country and road as in last stage.
		JAGUN 14,500 sq yds.	12	31	A village supplies scanty, good water from the Dihing R. site for C G. in fields IV of road; country and road as above; cross the Dihing R. at 10 m. by a ferry carrying 15 men
		JEYPORE p-o b	5 $\frac{1}{2}$	36 $\frac{1}{2}$	A town; supplies procurable, good water from 2 wells close to small C G, latter being S-E of town; country and road as above.
		Total marches, 4 = 36 $\frac{1}{2}$ m			

Route No. 208.
FROM DIBRUGARH TO KOHIMA.
via SIBSAGAR JORHAT, GOLAGHAT AND DIMAPUR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C Assam District Shillong	By Command of the Adjutant General Dibrugarh Deputy Commissioner of Sibsagar & Naga Hills District, Kohima	SESSA GARUNIA b.	11	11	See Route 203
		DIHING RIVER	9	20	
		DIMU RIVER	9	29	
		SIBSAGAR	12	41	
		GAURISAGAR	8	49	
		JHANJI RIVER	8	57	
		KARAJAN	9	66	
		JORHAT	10	76	
		KAKODANGA RIVER b	12	88	
		GOLAGHAT 80,000 sq yd p-o t-s b	11½	100½	
	Deputy Commissioner of Naga Hills District, Kohima	NAMBOR b	11½	112	A halting place; supplies on notice good water from the river; site for C-G near b, and in rice-fields, country mostly tea and rice cultivation, road an unmetalled cart track 12 ft wide, practicable for all arms; streams strongly bridged.
		BARPATHAR p-o t-s b	7½	119½	A village and small civil station supplies procurable; plentiful good water from tanks in the vicinity of C-G, which is in centre of plain country flat and mostly under tea cultivation, road level 16 ft wide and practicable for all arms, but bad in places in the rains, nullahs and streams strongly bridged, cross the Kakodanga R. on starting by a wooden bridge
		NAO JAN b	13½	133	A halting place, supplies on notice, good water from the Nambor stream, near which is site for extensive C-G, country flat and cultivated for the first 6 mi., thence dense forest, road neither metalled nor raised but strongly bridged, cross the Dhanuiri R. on starting by ferry carrying 25 men. There is a hot sulphuric spring here
		BOKA JAN b	11	144	A village, supplies on notice, good water from the Dhanuiri R., near which is an extensive site for C-G country flat and dense forest up to 6 m., then an open cultivated plain about 8 m. sq., road as before
		DIMAPUR p-o t-s b.	18	162	A halting place, supplies on notice, good water from the Dhanuiri R., near which is site for extensive C-G; country flat and dense forest, road as before
		NICHUGUARD p-o b.	8½	165½	A halting place, supplies on notice, good water from the Dhanuiri R., C-G, country and road as before. There is a rarely used path from here to Nongkang, also some interesting ancient stone ruins
		GHAUSPANI b.	9½	175	A village and military police outpost, supplies on notice good water from the Dhanuiri R.; C-G, country and road as before. The road from Golaghat to this village is most malarious during the rains and is then extremely difficult for all traffic owing to the depth of the mire
		PIPHIMA b.	9½	184½	A village, supplies on notice, good water from a stream C-G as before, country mountainous with dense forest road as in last stage but ascends and descends for part of the way, pass Samaguing at 2 m.
		ZUBZA b	8	192½	A halting place, supplies on notice good water from the Zubza stream, C-G, country and road as before; pass Koryphuma at 5 m
		KOHIMA 400 x 200 yds p-o t-s b	8	200½	A military and civil station and large Naga village; supplies on notice plentiful good water from stand pipes C-G on parade ground; country and road as before, pass Aitama at 3 m
Total marches, 20 =					
200½ m					

Route No. 209.
FROM DINRUGARI TO TEZPUR.
via LAKHIMPUR.

133

Administrative.		Name of station and date of opening of goods.	Distances.		Remarks.
No. 100.	Stn.		No. 1.	Total.	
O. C. C. Area, District, B. L. No.	Dy. Commr. of Lakhimpur, Dinragari.	SISI p. b.	12	12	A small village; supplies on railway good water from the Sisi B. L. m. from which is an all site for C. G. country, tree and grass jungle, with patches of cultivation; good unshalt (and practicable for infantry, much intersected by nullas) cross the Lakhimpur, on starting, by a ferry carrying 20 men, other boats are also available, the Bari B. L. at 6 m. and the Sisi at end of stage, both by ferry.
		DRENALI b.	5	20	A small village; supplies on railway good water, for a bottle, from a tube well near b. l. or W. of which is a C. G. country as above, but level road as before; cross the Bari B. L. at 5 by temporary bridge, and pass Gougon at 7 m.
		MASHOWA b.	13	33	A small village; supplies on railway good water from Harbi stream, close to which an L. B. is also for C. G. country and road as above; cross the Bari B. L. on starting, by ferry.
		BAKUAKHANA p. b.	11	37	A small village; supplies on railway good water from the Chari Karia B. L. close to which an L. B. is also for C. G. country and road as above; cross the Harbi stream on starting, by ferry.
		DEDEJA b.	10	37	A village; supplies on railway good water from S. K. B. L. close to which an L. B. is also for C. G. country and road as above; pass Kulkata at 3, or on the Karia B. L. at 2 and the B. L. at 9 m. by ferry.
		LAKHIMPUR-NORTH p. b. b. l.	13	70	A town; supplies on railway good water, for a bottle, from a well close to C. G. m. to the which is N. W. of the station; C. G. country and road as above; cross the S. K. B. L. on starting, the B. L. at 4, the G. L. at 7, all by ferry, and pass Gougon at 11 m.
		LAKHIMPUR-SOUTH p. b. b. l.	14	84	A village; supplies on railway good water, for a bottle, from a well close to b. l. N. of which is an L. B. for C. G. country and road as above, but latter practically all open country; cross the Bari B. L. at 4 by a ferry carrying 20 men, and pass B. L. at 9 m.
		DIRANG b.	12	96	A small village; supplies on railway good water from the Dirang B. L. extensive and level; C. G. country and road as above; the Dirang B. L. is crossed at end of stage by ferry, carrying 20 m.
		HALANGI RIVER 500 x 100 yds.	17	113	A village; supplies on railway good water, for a bottle, from the river, on right bank of which is an L. B. for C. G. country and road as before; pass Bari B. L. at 12 m. from the Dirang B. L. at 11 m.
		BAROE RIVER 100 x 100 yds.	13	127	A village; supplies on railway good water from the river, on the right bank of which is an L. B. for C. G. country and road as before; pass Gougon at 4 m. and on the Bari B. L. (B. L. in nullah) at end of stage, by ferry, carrying 20 m.
		BARGANG b.	9	137	A village; supplies on railway good water from the Bargang B. L. on right bank of which is an L. B. for C. G. country and road as before; cross the Bari B. L. on starting, at 3, the Bari B. L. at 5 m. and the Bargang B. L. at 9 m. on starting, by ferry.
		GILAHUAI 150 x 100 yds.	14	151	A village; supplies on railway good water from Gilahuai stream, on left bank of which is an L. B. for C. G. country and road as before; pass Bargang B. L. at 12 m. from the Bari B. L. at 12 m.
		JIVA BHOROLI b.	17	168	A small village; supplies on railway good water from the Jiva B. L. on left bank of which is an L. B. for C. G. country and road as before; cross the Bari B. L. on starting, at 3, the Bari B. L. at 5 m. and the Bargang B. L. at 9 m. on starting, by ferry.
		TEZPUR b.	7	175	A town; supplies on railway good water from the Tezpur B. L. on left bank of which is an L. B. for C. G. country and road as before; cross the Bari B. L. on starting, at 3, the Bari B. L. at 5 m. and the Bargang B. L. at 9 m. on starting, by ferry.
Total number, 11 = 175 m.					

Route No. 210.
FROM DINAJPUR TO CHURAMAN.
via KARLAJANG.

Administrative.		Name of station and date of opening of goods.	Distances.		Remarks.
No. 100.	Stn.		NO. 1.	Total.	
O. C. C. Area, District, B. L. No.	Dy. Commr. of Dinajpur, Dinajpur.	ORSON b.	12	12	A small village; supplies on railway good water can be obtained by digging well, on the right bank of the Orson B. L. at 8 m. of stage, near a tank; cross the Orson B. L. on starting, by a ferry carrying 20 men, other boats are also available, the Bari B. L. at 6 m. and the Sisi at end of stage, both by ferry.
		KARLAJANG 700 x 100 yds.	9	21	A village; supplies on railway good water can be obtained by digging well, on the right bank of the Karla B. L. at 8 m. of stage, near a tank; cross the Karla B. L. on starting, by a ferry carrying 20 men, other boats are also available, the Bari B. L. at 6 m. and the Sisi at end of stage, both by ferry.
		DINAJPUR 200 x 100 yds.	11	32	A village; supplies on railway good water from a well near b. l. N. of which is an L. B. for C. G. country and road as before; cross the Bari B. L. on starting, at 3, the Bari B. L. at 5 m. and the Bargang B. L. at 9 m. on starting, by ferry.
		CHURAMAN 150 x 100 yds.	7	42	A village; supplies on railway good water from the Churaman B. L. on left bank of which is an L. B. for C. G. country and road as before; cross the Bari B. L. on starting, at 3, the Bari B. L. at 5 m. and the Bargang B. L. at 9 m. on starting, by ferry.
		Total number, 4 = 42 m.			

Route No. 211. FROM DINAJPUR TO PURNIA via RANIGANJ

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Dinajpur	TULAI BRIDGE	10	10	A small village, supplies on notice; fair water from the Tulai Nadi on bank of which is small C-G country level with rice cultivation road good, unmetalled practicable for all arms, cross the Parashubha on starting, by ford in dry season by ferry in rains.
		GHENDORIN 400 x 250 yds.	03	10½	A small village, supplies on notice, good water can be obtained by digging wells also from 2 large tanks, near which and close to village is site for C-G country and road as before, cross the Tangan at 6 m, by ford in dry season, by ferry in rains.
		BINDOL 300 x 200 yds b	11½	21	A small village, supplies on notice limited good water from a well in compound, N E of which is site for C-G country as before road unmetalled, not suitable for artillery during the rains; cross the road from Pirganj to Hemlatad at Mahan in 5 the Kabela at 6½ and Kulik at 10 m., both streams by ferries during the rains.
	Collector of Purnea, Purnea.	RANIGANJ p-o.	13	34	A village, supplies on notice, good water from the Sudhanu stream on bank of which is small site for C-G country flat and subject to inundation, road unmetalled, not suitable for artillery and impassable in the rains, pass Haripur at 8, cross the Nagar stream at 8 m by ford in dry season, by ferry in rains and the Pitamu (unfordable) by ferry at end of stage.
		DINGRA GHAT 480 x 100 yds p. a. b.	9	43	A small village on right bank of the Mahan Nadi, supplies on notice good water from the madi, on bank of which is C-G country, and road as in last stage, pass Dalkola r-o. at 6½ m and cross 2 branches of Mahan Nadi, by ferry, the W branch is fordable in the dry season.
		LALBALU 200 x 200 yds PURNEA	12	55	A small village, supplies on notice, good water from the Panar stream, ½ m from which is C-G country as above, road metalled and strongly bridged.
	Collector of Purnea, Purnea.	Total marches, 7 = 73 m	9	73	See Route 118 Country and road as in last stage.

Route No. 211(a). FROM DINAJPUR TO PURNEA. via NEKMARD AND KISHANGANJ

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Dinajpur	SHIKARPUR 300 x 100 yds	12	12	A small village, supplies on notice fair water from the Tuk stream near which and S of road is site for C-G country level and cultivated road unmetalled but bridged, practicable for all arms, cross the Parashubha at 1½ m by ford in dry season, by ferry in rains.
		PIRGANJ 500 x 500 yds p-o. b.	14	26	A village; supplies on notice, abundant good water from a well and tank, C-G N of b, country and road as before; cross the Tangan stream in 11 m., by ford in dry season, by ferry in rains.
		NEKMARD 500 x 500 yds b	11	37	A village, where a large annual fair is held, supplies on notice; good but limited water from a well, site for C-G N and E. of b. country as above but swampy, road as before cross the Kulik at 9 m, by ford in dry weather, ferry in the rains.
	Collector of Purnea, Purnea	BIDASURI 500 x 500 yds	7	44	A village, supplies on notice good water from the Nagar stream near which in a mango grove, is site for C-G country and road as in last stage.
		KISHANGANJ 580 x 220 yds p-o i. s. t. a. b.	16	60	A large village; supplies on notice; good water from the Ramjan stream and 2 wells, site for C-G close to b country flat open and cultivated, road unmetalled and unsuitable for artillery, cross the Nagar on starting and the Surmanu at 7 m., both fordable in dry weather ferries in the rains.
		ASURAGARH 12 320 sq yds.	10	70	A small village; supplies on notice, good but limited water from a well; other wells can be dug on notice; C-G in mid feet on F of road country as in last stage road metalled with wooden bridges, artillery can cross bridges, 1 gun at a time.
		DINGRA GHAT	8	78	Country and road as above
		LALBALU	12	90	See Route 211
		PURNEA	9	99	For other remarks, see Route 118.
		Total marches, 9 = 99 m			

Route No. 212. FROM DINAJPUR TO RANGPUR

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Dinajpur	MONGALBARI	14	14	A small village, supplies on notice, good water can only be obtained from wells, to be dug on notice small site for C-G on waste land close to village country level and cultivated, road unmetalled, but bridged and practicable for all arms cross the Gobura in 2, the Atua in 7, and the Jabura in 14 m by ferries in dry season, by ferries in rains.
		KHELAHATI 200 x 80 yds	7½	21½	A small village, supplies on notice, good water can be obtained from wells, to be dug on notice the river water is not fit for drinking, site for C-G in fields close to the village, country and road as in last stage.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rangpur, Rangpur.	BADARGANJ 100,000 sq. yds. p-o. t-s. r-s. b.	5½	26½	A small village; supplies on notice; good water from the Jabunassar R., on bank of which and close to b. is C-G.; country and road as above; cross the old bed of the Karatia R. on starting, and pass Ramnathpur en route. See Route 123. Country as before; road as in last stage, except the last mile which is metalled; cross the Jabunassar on starting, the Pat stream at 11 m., by ferds in dry season, by fords in rains, and pass Nibetgarj at 11½ m.
		RANGPUR	14½	41½	
		Total marches, 4 = 41½ m.			

Route No. 213.
FROM DINAPORE TO ARRAH.
old KOILWAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	From the Church to MANIR 280 × 200 yds.	19	19	A village on right bank of the Son; supplies procurable; plentiful good water from wells close to C-G., which is 1 m. E. of village; country cultivated; road metalled and bridged throughout, runs along the right bank of the Ganges most of the way; pass Sherpur (p-o.) at 6 m. A large village on left bank of the Son; supplies procurable; good water from a well and the river, close to which is C-G.; country as above; road raised and bridged, passes along a causeway, but it is unmetalled, except the last 3 m.; pass Aminabad at 4 m., and cross the Son (ry. bridge for foot passengers and cattle traffic) at end of stage; a ferry for carts. A small civil sta.; supplies on notice; abundant good water from 2 wells on, and also from 2 tanks near, C-G., which is close to the town; country level and well cultivated; road bridged, but unmetalled, except over causeways; pass Rahmunnagar at 3½ and cross the Nagri stream (bridged) at 4 m.; a ferry is used in the rains.
		KOILWAR 47,610 sq. yds. p-o. r-s.	9	31	
		ARRAH 116,340 yds. p-o. t-s. r-s.	8	39	
		Total marches, 3 = 37 m.			

Route No. 214.
FROM DINAPORE TO BHAGALPUR.
via BARI SURAJGARH AND AFZULGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Patna, Bankipore.	BANKIPORE 200 × 160 yds. p-o. t-s. r-s.	7	7	The civil sta. of Patna; supplies abundant; plentiful good water from 2 wells on C-G. at Bankipore Goh; country low-lying and liable to inundation during the rains; road raised, metalled and bridged; cross the Patna canal at 3 m. A town on right bank of the Ganges, at the confluence of the Ganges and Pumpun rivers; supplies on notice; good water from 3 wells near C-G., also for which is 1 m. E. of town; country level, open and cultivated; road as above; cross the Pumpun at end of stage. A small village on the right bank of the Ganges; supplies on notice; good water from a well and the river, on bank of which, and 1 m. W. of village, is C-G.; country as above; road unmetalled, but raised and bridged; pass Bykatpur at 4 m. A large town on the right bank of the Ganges; supplies on notice; good water, for a bathn., from a well close to C-G., which is 1½ m. N.-E. of town; country low and subject to inundation; road as above; pass Bahmanpur at 7 m. A village on right bank of the Ganges; supplies on notice; good water, for a bathn., from a well close to C-G., which is near r-s.; country and road as above; pass Pandarak at 5 m. A large village; supplies on notice; plentiful good water from numerous wells; C-G. N. of village; country as above; road metalled in parts. A village; supplies on notice; plentiful good water from numerous wells and from the Kiyal R., on bank of which is C-G.; country as in last stage; road unmetalled, but bridged; cross the Harohi R., at 6 m., by ferry. A small town on right bank of the Ganges; supplies on notice; plentiful good water from wells and the river, on bank of which is C-G.; country as before; road unmetalled, but suitable for artillery, except in rains; cross the Kiyal R., on starting, by ford. A few huts; no supplies; good water from the Ganges, on bank of which is C-G.; country as above; road unmetalled, fair in dry weather, but impassable in rains. A small village about 2 m. S. of Monghyr; supplies on notice; plentiful good water from numerous wells near village, close to which is site for C-G.; country jungle in places, with low hills to S.; road as above. Country as above; road metalled and bridged.
		FATTA 180 × 100 yds. p-o. r-s.	15	22	
		BAKHTIARPUR 230 × 110 yds. p-o. r-s.	15	37	
		BARI 800 × 216 yds. p-o. t-s. r-s.	12	49	
		MOKAMEN 215 × 216 yds. p-o. r-s.	13½	62½	
		BARIIYA 60,000 sq. yds. p-o. r-s.	11	73½	
		LAKHISARAI 80,000 sq. yds. p-o. t-s. r-s.	9	82½	
		SURAJGARH 20,000 sq. yds.	10	92½	
		BAHAWA 15,000 sq. yds.	9	101½	
		SAFIA SARAI 25,000 sq. yds.	10	111½	
		MAHADEWA	10	121½	
		AFZULGANJ	12	133½	
		BHAGALPUR	12	145½	
		Total marches, 13 = 145½ m.			

For other remarks, see Route 100.

Route No. 215.
FROM DINAPORE TO DEHRI.
 via UKHGAON AND NASRIGANJ

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Patna Banahpore Collector of Shahabad Arrah	MANIR	12	12	See Route 213.
		KOILWAR	9	21	
		UKHGAON	8	29	
		BAGA	10	39	Country fairly cultivated, road metalled for 4½ m., thence an unmetalled country road
		SAHAR	10	49	See Route 213(a)
		BIHTA	12	61	For other remarks see Route 213(a)
		NASRIGANJ	18	74	See Route 213
		DEHRI	14½	88½	For other remarks, see Route 216.
		Total marches 8 = 88½ m			

Route No. 216.
FROM DINAPORE TO DARBHANGA.
 via HAJIPUR

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Patna Banahpore Collector of East West Tirhoot Muzaffarpur bhangga	HAJIPUR 210 x 65 yds p o t-o r-a. b	11½	11½	A small town on left bank of the Gandak R., supplies procurable; good water for a batin, from a well near C-G ½ m to for which is 1½ m N of r-o, road metalled and bridged; reach Digha Ghat at 8½ m and cross the Ganges by steam ferry land at Paleza Ghat and proceed by an unmetalled road, passing Sonapur at 7 m, cross the Gandak at 8 m. by ry bridge or ferry, reach Hajipur at 10 m and camp near Digha 1½ m further on
		KANOULI 87 070 sq yds.	11½	23	A village, supplies on notice; plentiful water from a well and tank near C-G, which is close to village and W of road, country level, open and well cultivated road partially metalled but bridged throughout, pass Belkunda at 8½ m
		HARLOCHANPUR SUKHI	16	39	A village, supplies on notice, plentiful good water from a well and a stream, on right bank of which is small site for C-G country and road as before, pass Makua at 2½ m, and cross the Bura stream (bridged) immediately afterwards
		CHAK MEHSI	10	49	A village; supplies on notice, good water, for a batin, from 2 wells on C-G which is in a small mango grove close to village, country and road as above, latter unmetalled; pass Pura Stad at 6 m, and cross the Bur Gandak immediately afterwards by a ferry carrying 60 men
		DARBHANGA 200 x 200 yds p-o t-o r-a	14	63	A civil town and town on left bank of the Chota Bagmati; supplies abundant good water for a batin from 2 wells and (for animals) from a tank near C-G, which is in a grove ½ m N W of town, country and road as above, cross the Bagmati at 2, and the Chota Bagmati at 1½ m., both by ferry carrying 60 men
		Total marches, 5 = 68 m			

Route No. 217.
FROM DINAPORE TO GAYA.
 via FATUA AND ISLAMPUR

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Patna, Banahpore. Collector of Gaya, Gaya	BANKIPORE	7	7	See Route 214.
		FATUA	15	22	
		HILSAHA 130 x 120 yds p-o	18	36	
		ISLAMPUR 600 x 300 yds	14	49	A large village, supplies on notice, good water from a well on and other wells in vicinity of C-G, site for which is 160 yds N of village, country open and cultivated, road metalled and bridged cross the Deora stream at 1½ the Naithwan at 4 and the Kutbar at 1½ m
		KHIDARSARAI 255 x 90 yds.	16½	65½	A small village, supplies on notice, good water for a batin, from a well on C-G, latter in a mango grove ½ m S W of village, country as in last stage, road unmetalled, pass Kasiana at 5 and cross the Jamma stream (always fordable) at 12½ m
		GAYA	13	78½	A village, supplies on notice, good water from a well 100 yds N of, and (for animals) from the Phulga stream 1 m W of C-G site for which is close to Bana village, country as before, road raised but unmetalled; cross the Jalwar stream (fordable) at 9½ and pass Fatelapur Surda at 10 m.
		Total marches, 6 = 78½ m			See Route 214 Country low and cultivated; road up to 9 m as in last stage, thence metalled and bridged, pass Bhadipur at 8 and cross the Phulga stream at 1½ m.

Route No. 217(a).
FROM DINAPORE TO GAYA.
via BAKHTIARPUR, BIHAR AND NAWADAH.

137

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Patna, Bankipore.	BANKIPORE . . .	7	7	See Route 214.
		FATUA . . .	16	23	
		BAKHTIARPUR . . .	15	37	
		RAPUSPUR . . .	7	44	A village; supplies on notice; good water, for a battn., from 2 wells close to C-G., site for which is in a small mango grove near b.; country level and cultivated; road raised, metalled and bridged; pass Morai at 4½ m.
		BIHAR . . .	12	56	
	Collector of Gaya, Gaya.	p-o. t-a. b. GIRIK . . .	11	67	A village; supplies procurable; good water, for a battn., from 2 wells on small C-G., which is close to b.; country and road as above; pass Sohdi at 10 m.
		NAWADAH . . .	13	70	A village; supplies on notice; good water, for a battn., from 2 wells near C-G., small site for which is 160 yds. W. of village; country as above; road metalled but unbridged; the nullahs crossed en route are generally fordable; pass Huzurpur at 5 m.
		HASWA . . .	9	88	Country and road as above; pass Budekhura at 7 m.
		WAZIRGANJ . . .	12	100	
		BODHGERA . . .	11	111	See Route 113.
		GAYA . . .	7	118	
		Total marches, 11 = 118 m.			For other remarks, see Route 21

Route No. 218.
FROM DINAPORE TO MONGHYR.
via BARRH AND SURAJGARH.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Patna, Bankipore.	BANKIPORE . . .	7	7	See Route 214.
		FATUA . . .	16	23	
		BAKHTIARPUR . . .	15	37	
		BARRH . . .	12	49	
		MOKAMEH . . .	13½	62½	
G. O. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	BARRHIYA . . .	11	73½	See Route 117.
		LAKHISARAI . . .	9	82½	
		SURAJGARH . . .	10	92½	
		BAHAWA . . .	9	101½	
		MONGHYR . . .	11	112½	
		Total marches, 10 = 112½ m.			Country undulating and jungly; road, unmetalled, except the last 2½ m., bridged and suitable for all arms.

Route No. 219.
FROM DINAPORE TO MUZAFFARPUR.
via HAJIPUR.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collr. of Patna, Bankipore.	HAJIPUR . . .	11½	11½	See Route 210.
		SARAI . . .	6	17½	A village; supplies on notice; plentiful good water from a well on, and (for animals) from a tank ½ m. W. of C-G., which is 200 yds. N-E. of village; country level, open and well cultivated; road partially metalled, and bridged throughout; the road to Darbhanga branches off at 1½ m.
		214 x 184 yds. p-o. t-a.			
	Collr. of West Tirhoot, Muzaffarpur.	BHATWALIA (GARAUL) . . .	11	28½	A small bazar; supplies on notice; plentiful good water from 3 wells, and (for animals) from a tank close to C-G., which is ½ m. N-E. of village; country as before; road unmetalled but bridged; pass Bhagwanpur at 6 and cross the Diya R., a swampy stream with difficult banks, at 8 m.
		21,605 sq. yds. p-o. t-a.			
		MUZAFFARPUR . . .	14½	43	See Route 167.
		Total marches, 4 = 43 m.			Country and road as above.

Route No. 220.
FROM DINAPORE TO SEGOWLIE
and KALIANPUR.

AUTHORITY		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Allahabad District, Allahabad	Colr. of Patna, Bankipore	HAJIPUR .	11½	11½	See Route 216
	Collector of West Tirhoot, Munanpur	LALGANJ p-o. t-s	14	25½	A moderate-sized village; supplies on notice, abundant good water from wells on, and (for animals) from a tank 200 yds N-E of C-G, small site for which is at Bedach, 2 m N.E. of village, country well cultivated, road raised, bridged, and partly metalled
		BASANTPUR	18	38½	A village, supplies on notice, good water, for a batta, from a well and (for animals) from a tank close to C-G, small site for which is close to Kowalpara indigo factory, 1 m N of village, country as before, road raised, bridged, but unmetalled
		DEORIA . p-o	11	49½	A village, supplies on notice, plentiful good water from the Biya stream, on bank of which and 1 m. W of Deoria bazar is C-G, country and road as before, pass Pare at 4 m and cross the Biya at end of stage.
		SAHIBGANJ 320 x 80 yds p-o.	11	60½	A small town, supplies on notice, good water, for a batta, from a well near C-G, which is ½ m N-W of bazar, country as before, road good, raised, bridged and partly metalled.
	Collector of Champaran, Motihari.	KALIANPUR 615 x 110 yds	11	71½	A village, supplies plentiful, good water, for a batta, from 2 wells near C-G which is 200 yds. N of village, country as before, road raised, metalled and bridged pass Raypur at 7½ m
		PIFRA 480 x 180 yds r-s	10	81½	A village, supplies procurable; indifferent water, for a batta, from 2 wells close to C-G, which is N-W of, and near village, country and road as above; pass Tendua at 4 m
		MOTIHARI . 516 x 432 yds p-o t-s r-s	8	89½	A town, supplies procurable, good water, for a batta from a well near C-G, site for which is 2 m. N-E of town, country and road as above
		SEGOWLIE . 1445 x 640 yds p-o t-s r-s	14	103½	A civil stn., supplies plentiful; good water from the Shikrana stream and from a well close to C-G, which is between the cantonments and the stream, country and road as above; pass Pachruk (p-o.) at 4½ and Chupra Bahas at 9 m
		Total marches, 9 = 108½ m.			

Route No. 221.
FROM DINAPORE TO UMGAON, on the Nepal Frontier.
and CHAK MEHSI AND KAMTAUL.

AUTHORITY.		Names of stages and site of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Allahabad District, Allahabad	Colr. of West Tirhoot, Bankipore	HAJIPUR .	11½	11½	See Route 216
	Collector of East Tirhoot, Darbhanga.	KANOULI .	11½	28	
		HARLOCHANPUR SUKHI	16	39	
		CHAK MEHSI	16	54	
		SIMRI . 180 x 180 yds. p-o	12	66	A village, supplies on notice, plentiful good water from a well and tank within 200 yds of C-G, site for which is close to road and village, country flat and cultivated, road unmetalled and unbridged, cross the Bagmati R. (bridged)
		KAMTAUL . p-o. t-s r-s	13	79	A village, supplies procurable, good water, for a batta, from 2 wells close to C-G, site for which is ½ m. W. of village, country open and cultivated, road as above
		BENIPATI . p-o	14	93	A village, supplies on notice, good water, for a batta, from 2 wells and a tank close to C-G, site for which is W. of and near village; country and road as before, cross the Chota Bagmati R. on starting by ferry carrying 26 men.
		UMGAON	11½	104½	A village, supplies on notice, good water, for a batta, from 2 wells and a tank close to C-G, site for which is W. of and near village, country and road as above.
		Total marches, 8 = 104½ m.			

Route No. 222.
FROM DORANDA TO CHAIBASSA.
via BANDGAON AND CHAKRADHARPUR.

139

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commr. of Lohardaga, Ranchi.	PHUDI 20,000 sq. yds.	12	12	<p><i>NOTE.—In this route all difficult ghats are avoided.</i></p> <p>A village on right bank of the Kanohi R.; supplies on notice; plentiful good water from springs, and from the river, close to which is site for C-G., on high land near village; country for the most part rocky and jungly; road metalled, 20 ft. wide, partially bridged and suitable for artillery; cross the Subanrika at 3 and the Kanohi at 11 m., both fordable in dry weather, but latter has dangerous shifting sands; ferry in rains.</p> <p>A village; supplies on notice; good water, for a battn., from springs close by C-G., site for which is near village; country and road as in last stage; cross the Tajna R. at 4 m., by ford in dry season and ferry in rains.</p> <p>A small village; supplies on notice; plentiful good water from springs close by C-G., extensive site for which is near village; country and road as above.</p> <p>A large village; supplies on notice; plentiful good water from a stream near village, close to which is extensive site for C-G.; country undulating and jungly; road as above; cross the Karo stream at 7 m.</p> <p>A village; supplies on notice; plentiful good water from a stream and wells close by C-G., extensive site for which is near village; country as above; road unmetalled but very fair and practicable for artillery.</p> <p>A small village; supplies scarce; plentiful good water from a stream close by C-G., extensive site for which is near village; country hilly and jungly; road unmetalled, steep in parts, gradients over 1 in 10, unsuitable for artillery; road now abandoned.</p> <p>Country as above; road unmetalled, fit for artillery in fair weather.</p> <p>See Route 155.</p> <p>A small civil stn.; supplies plentiful; good water from streams, wells and tanks in vicinity of C-G., which is just outside the town, and close to police stn.</p>
		KHUNTI 20,000 sq. yds. p-o.	8	20	
		MURHU	9	29	
		BANDGAON	10	39	
	Deputy Commr. of Singhbhum, Chhatisgarh.	KOOHANG	9	48	
		MAILPI	8	56	
		CHAKRADHARPUR	9	65	
		KHUNTPHANI	8	73	
		CHAIBASSA 300 x 250 yds. p-o. t-s. b.	8	81	
		Total marches, 9 = 81 m.			

Route No. 222(a).
FROM DORANDA TO CHAIBASSA.
via KHARSAWAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Lohardaga, Ranchi.	RAMPUR	8	8	<p>A small village; supplies on notice; good water, for a battn., from springs and streams close by C-G., extensive site for which is near village; country undulating and jungly; road 20 ft. wide, unmetalled, rocky in parts, unbridged, much intersected by nullahs and unsuitable for artillery; cross the Subanrika in 3 and the Sapai in 5 m., both by ford in dry season, by ferry in rains.</p> <p>A small village; supplies on notice; plentiful good water from springs and streams close by C-G., extensive site for which is near village; country and road as above; cross the Baisa R. (bridged) at 5 m.</p> <p>A moderate-sized village; supplies on notice; good water, for a battn., from tanks and wells close by C-G., extensive site for which is near village; country hilly and jungly; road as above, except for first 3 m., which has a gradient of 1 in 10; from Bundu a road leads to Thamar (p-o), 10 m. distant.</p> <p>A large village; supplies on notice; plentiful good water from tanks and wells close by C-G., extensive site for which is near village; country undulating, jungly and partly cultivated; road, a mere track unfit for wheeled carriage in rainy weather; cross the Kanohi R. at 4 and the Karkari at 9 m. both by ford, except in rains; no ferries.</p> <p>A large village; supplies on notice; plentiful good water from springs close by C-G., extensive site for which is near village; country and road as in last stage; cross the Karkari R. at 4 m., by ford in dry season, by ferry in the rains.</p> <p>A few huts; supplies scarce; plentiful good water from springs and streams close by C-G., extensive site for which is near village; country and road as in last stage, except that the latter becomes very steep towards end of march.</p> <p>A large village; supplies on notice; plentiful good water from a stream close by C-G., site for which is S. of village; country and road as above; cross a stream at 2½ m. and the Bona R. at end of stage, both by ford except when in flood; no ferries.</p> <p>A small village; supplies scanty; plentiful good water from the Sanjai, on right bank of which is site for C-G. near village; country well cultivated and undulating; road unmetalled, 16 ft. wide, fairly level, but unsuitable for artillery; cross the Sonkua at 4 m. and the Sanjai at end of stage, both by ford, except after heavy rain; no ferries.</p> <p>See Route 222.</p> <p>Country and road as in last stage; cross the Boro (bridged) at 10 m.</p>
		TAJMAR	8	16	
		BUNDU p-o.	8	24	
		SARJANDI	10	34	
		TARAI	9	43	
	Dy. Commr. of Singhbhum, Chhatisgarh.	CHAITANPUR	8½	51½	
		KHARSAWAN	6½	56	
		BINJ	7	63	
		CHAIBASSA	11	74	
		Total marches, 9 = 74 m.			

Route No. 223.

FROM DORANDA TO DALTONGANJ (BIJRA).

and SATBARWA.

AUTHORITIES		Name of stage and zone of surrounding grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner of Lohardigh, Ranchi	MURMA .	15	15	A village, supplies on notice, good water from wells close by site for C-G, which is near village country open and cultivated but boggy and heavy in parts, road, a fair weather one unbridged, cross the Pandra stream on route by ford except after heavy rain
		HOPA .	12	27	A village supplies on notice; good water from wells close by site for C-G, which is near village country and road as in last stage
		KUNDU .	10	37	A village, supplies on notice, good water from wells close by site for C-G, which is near village, country and road as above. From here a road branches off to Lohardigh, distant 12 m
		CHANDWA 176 x 100 yds. p-a b.	10	47	A village, supplies on notice, plentiful good water from wells close by site for C-G, which is in a mango grove in front of b, country hilly and broken, road, a fair one, difficult for wheeled traffic; cross the Mahla R. by ford, except after heavy rain. From Chandwa a road branches off N to Chattri in the Hazratnagar district
		ANKITA	8	55	A small village; supplies on notice; good, but limited, water from wells close by C-G, site for which is near village, country and road as in last stage, cross the Chattri stream (twice) by ford, except after heavy rain
		LATEHAR p-a	10	65	A village, supplies on notice, good, but limited, water from wells close by C-G site for which is near village; country well road as above, cross the Grama R. in 7 and 8 m. by ford, except after heavy rain, pass Tupphol at 8 m
		MUNKA .	18	83	A few huts, supplies on notice, good, but limited, water from wells close by C-G, site for which is near village; country and road as above, pass Patka at 6 m
		SATBARWA . p-a	8	91	A small town; supplies on notice, good, but limited, water from wells close by C-G, site for which is near town, country and road as above, at 7 m. a track branches off S to the Suma Forest. Palamau, formerly a place of some note, but now a ruin, is on the bank of the Grama, 3 m S-W of Satbarwa
		POKRAHA .	8	99	A very small village, supplies on notice, good, but limited water from wells close by C-G, site for which is near village, country and road as above, cross the Bihla stream, by ford, except after heavy rain, in 2 and 3, and pass Bari at 5 m
		DALTONGANJ (BIJRA) 300 x 200 yds. p-a to b	9	108	A small civil sta near right bank of the Koil R., supplies on notice; good water from wells and the river, on bank of which is C-G; country and road as before at 4 m. a road branches off S to Barasand Forest, distant 37 m; cross the Jugah stream at 5 m., by ford, except after rains
		Total marches 10 = 108 m.			

Route No. 224.

FROM DORANDA TO GOBINDPUR, on the Grand Trunk Road.

and GOLA AND MARAFARI.

AUTHORITIES		Name of stage and also of surrounding grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Presidency District Fort William	Sub divisional Collector of Munshiram, Patna, Gaya	By Gauria, Lohardigh, Ranchi			
		Deputy Commissioner of Hazaribagh			
		CHAKLA 20,000 sq yds	12½	12½	A small village, supplies scarce; good water, for a bath from wells near C-G, site for which is on high land near village, country undulating and cultivated, road 20 ft. wide raised metalled, bridged and suitable for all arms, pass Dahi at 6 m and cross the Sumra stream immediately afterwards
		GOLA p-a b	27½	40	A village, supplies on notice plentiful good water from wells, tanks and the Grama stream, on bank of which, and in a mango grove close to and N.E. of village is C-G, country open and well cultivated; road unmetalled 20 ft wide, fit for all arms pass Gurupcha at 4 and Burnathu at 14 m
		PETARBAN p-a b	11½	51½	A large village, supplies on notice; plentiful good water from 3 wells and from tanks near small C-G which is in b compound, country jungle; road as above; cross the Janna R. en route, fordable, except during flood; no ferry
		MANJHIDH b	11	62½	A large jungle village supplies on notice; good water for a bath from 2 wells and a tank close to small C-G, which is in b compound; country and road as in last stage; cross a branch of the Damoda R. at 6 m
		MARAFARI b	6	68½	A large village, supplies on notice, good water, for a bath, from a tank on small C-G, which is ½ m. W of village, country and road as above
		TELMACHI	8	76½	A village supplies on notice, plentiful good water from tanks in vicinity of C-G, small site for which is ½ m N.W. of village; country undulating and jungle for 3 m thence open and cultivated, road unmetalled, has been abandoned for years and is unsuitable for wheel traffic, except in dry weather, pass Mahoor at 2, and cross the Damoda at 7 m, by ferry
		SIALGUDRI	13	89½	A village supplies on notice; abundant good water from tanks in vicinity of C-G extends; site for which is N.E. of and close to village; country as in latter part of last stage road as above, cross two branches of the Damoda R. (generally fordable) at 5 and 7 m
GOBINDPUR	12	101½	See Route 256 Country and road as above, pass Harpur at 4 m		
		Total marches, 8 = 91½ m.			

FROM DORANDA TO NAGPUR as far as DARGAON (for remainder, see Bombay Route Book No. 233).

via SISAI AND BISRAHPUR.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Lohardaga, Ranchi.	NABRI . . .	8	8	A village; supplies on notice; plentiful good water from wells, springs and tanks in vicinity of village, in fields near which is site for C-G; country undulating; road 20 ft. wide, unmetalled and partially bridged with temporary bridges unsuitable for artillery; nullahs generally fordable.
		BERO . . .	12	20	A small village; no supplies; good water, for a battn., from wells and springs in vicinity of village, in fields near which is site for C-G; country, road and nullahs as above.
		BHARNO . . .	11	31	A village; no supplies; good water, for a battn., from wells and a stream, near which is site for C-G; country and road as above; cross the Pans stream (fordable, except when in flood) at 8½ m.
		SISAI p.o.	11	42	A village and police post; supplies on notice; good water from springs, a tank and a well in police post compound, in fields near which is site for C-G; country open and cultivated; road as above.
		TOTO . . .	15	57	A village; supplies on notice; plentiful good water from springs, wells and tanks in vicinity of village, in fields near which is site for C-G; country and road as above; cross the Pans at 4 and the Koel at 7½ m., both fordable, except during floods.
		KOTAM . . .	7	64	A village; supplies on notice; fair, but limited, water from wells in vicinity of village, in fields near which is site for C-G; country and nullahs as above; road a mere track; cross the Audia stream (fordable, except when in flood) about half-way.
		DARIBUNA . . .	10	74	A small village; supplies must be collected; good water from wells and springs in vicinity of village, in fields near which is site for C-G; country hilly and covered with jungle; road and nullahs as above.
		DARGAON . . .	9	83	A small village; supplies must be collected; good, but limited, water from a stream close to village, in fields near which is site for C-G; country undulating; road and nullahs as before.
		KORANDA . . .	12	95	A village; supplies on notice; plentiful good water from a nullah near C-G, site for which is in a mango grove N. of road and close to village; country hilly and jungly; road, a good, unmetalled track, for the first 7 m., thence steep and unsuitable for wheeled traffic; cross the Sank (fordable, except after heavy rain) at 2 m.
		KUSMI . . .	10	105	A village and police stn.; supplies on notice; plentiful water from a well S. of police stn., and others in village, about 200 yds W. of which, and on both sides of the road, is site for C-G; country jungly; road difficult, impassable for wheeled traffic; streams and nullahs fordable, except after heavy rain.
		UMKO . . .	10	115	A village; supplies on notice; plentiful good water from wells in village, near which is site for C-G; country hilly and wooded; road, a mere track and very bad; streams and nullahs as above.
		SARNADIH 400 x 230 yds.	10	125	A village; supplies on notice; plentiful good water from a nullah, in a garden N. of which is site for C-G; country and road as above; cross the Galphula stream at 2 and the Kular R. at 3½ m., both fordable, except after heavy rain.
		LERUA 300 x 300 yds.	14	139	A large village; supplies on notice; good water, but very limited in hot weather, from wells in village, W. of and close to which, under mango trees, is site for C-G; country, jungle and forest; road, streams and nullahs as above.
		BISRAHPUR 400 x 150 yds. p.o.	24	163	A large village; supplies on notice; plentiful good water from tanks on, and a well E. of C-G, site for which is in a garden N. of village; country, road, streams and nullahs as before.
		LAKHPUR . . .	16	179	A village; supplies on notice; plentiful good water from tanks and the Chulhot stream W. of village, N-E. of, and close to, latter is site for C-G; country undulating with much paddy cultivation; for the most part of the way there is no road and people make their way across fields; cross the Golghata Nadi (fordable, except after heavy rain) about half-way.
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Lohardaga, Ranchi.	KNADRI . . .	9	187	A village; supplies on notice; good water from a spring N. of village, in fields E. of, and close to, which is site for C-G; country as above; road a mere track; cross the Bar or Arund R. (fordable, except when in flood) towards end of stage.
		DARGAON . . .	8	195	A large village; supplies on notice; good water from wells in village, S. of which is site for C-G; country, jungle and forest with scant cultivation; road and nullahs as above.
		Total marches, 17 = 195 m.			

Route No. 226.

FROM DORANDA TO PURULIA.

via SILI AND JAYPUR.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Lohardaga, Ranchi.	ANGARA 20,000 sq. yds.	14	14	A small village; no supplies; plentiful good water from a well, tank and spring close to C-G, place for which is on high land E. and S. of village; country very jungly, except for cultivation here and there; road metalled and bridged, suitable for all arms; cross the Sabarika R. at 4 m.
		BARWADAG 20,000 sq. yds.	12	26	A small village; no supplies; fair water, for a battn., from a well and stream in vicinity of C-G, site for which is on high ground 200 yds. W. of village; country hilly and jungly; road as above; pass Johns (p-o) at 8 m.
		SILI 20,000 sq. yds. p.o.	12	38	A large village with police stn.; supplies scarce; abundant but indifferent water from tanks about 100 yds. W. of C-G, site for which is on E. side of village; country as above; road, an unmetalled track, unsuitable for artillery; cross three streams, by strong stone causeways, and the Uran by ford, except after heavy rain.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Manbhum, Purulia.	JHALDA . . .	9	47	A large village; supplies on notice; plentiful good water, during the rains, from three wells in village, and from a stream and tank in vicinity of C-G., extensive also for which is in fields close to and W. of village, in dry season water can always be obtained by digging in bed of stream; country undulating and well cultivated, road metalled, and suitable for all arms; cross the Subanrika (strongly bridged) at 3, and pass Xulin at 4 m.
		JAYPUR . . .	12	59	
		PURULIA . . .	10	76	See Route 83. Country and road as above, nullahs strongly bridged; pass Narnipur at 4 m.
		Total marches, 6 = 76 m.			

Route No. 227.

FROM DORANDA TO SAMBALPUR as far as JHALBERA (for remainder, see Bombay Route Book No. 262).

old JARIA, BASIA AND JHALBERA.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Lokhandiga, Ranchi.	LODHMA . . . 20,000 sq. yds.	10	10	A village, limited supplies on notice; abundant good water from tanks, wells and a stream in vicinity of C-G., site for which is in fields near village; country open; road 20 ft. wide, unmetalled but gravelled, good in dry weather, and passable for all arms, bridged throughout with temporary wooden structures; artillery would have to cross streams by fords; cross the Subanrika, Ranchi and Tagna streams en route, all fordable, except when in flood.
		KARLA . . . 20,000 sq. yds. p-o	11	21	
		JARIA . . . 20,000 sq. yds.	10	31	A village; supplies on notice; abundant good water from a tank and a stream in vicinity of C-G., latter on high ground 300 yds. E. of village; country, road and bridges as before; cross the Tilni, Barwadag and Jaria streams en route, all fordable, except when in flood.
		ARAHARA . . . 20,000 sq. yds.	10	41	
		BASIA . . . 20,000 sq. yds. p-o	11	52	A village, supplies on notice; good water from the Keel R., about 1 m. S. of C-G., latter on high ground 200 yds. S. of village, country, road and bridges as before, four unbridged but fordable nullahs are crossed.
		UGHURMA . . . 20,000 sq. yds.	8	60	
		KOLABIRA . . . 20,000 sq. yds. p-o	8	68	A small village; no supplies; fair water from a tank and spring 200 yds. N. of C-G., site for latter available on high land, 200 yds. S. of village; country hilly; road and nullahs as in last stage; cross two streams, fordable, except when in flood.
		SELINGA . . .	10	78	
		KULIMARA . . . 20,000 sq. yds.	9	87	A very small village, no supplies; limited good water from a spring 300 yds. N. of C-G., the only place suitable for latter being on waste land 300 yds. E. of village; country covered with jungle; road as in last stage; cross the Bor Khenda stream (unbridged, banks very steep, impassable during rainy season, no ferry) en route.
		BAISOGA . . . 24,200 sq. yds.	5½	92½	
		SUNK RIVER	6	98½	A halting place; supplies on notice; plentiful good water; site for C-G. on S. bank of Sunk R.; latter is fordable except in rains, when it is crossed by a ferry (one boat carrying 8 men); road as in last stage.
		JHALBERA . . .	0½	108	
		Total marches, 13 = 108 m.			See Route 155. Country undulating and jaggy; road as above.

Route No. 228.
FROM DUMKA TO BAIDYANATH RAILWAY STATION.

143

ACTIVITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southal Parganas, Dumka.	JARMUNDI . p-o.	10	10	A village; supplies on notice; plentiful water from 2 wells and a tank on C-G., site for which is S. of road and near village; country fairly cultivated; road 20 ft. wide, metalled and partially bridged, suitable for all arms; cross the More at 6 m., fordable, except for 24 hours after heavy rain; 1 small ferry-boat available.
		TALJHARI .	9	25	A village; supplies on notice; plentiful water from 2 wells and a tank on C-G., site for which is N. of road; country and road as above.
		BAIDYANATH-DEOGHUR . p-o. t-s. r-s. b.	16	41	A town; supplies on notice; plentiful good water from a well and tank near C-G., site for which is E. of town and N. of road; country and road as above.
		BAIDYANATH RY. STN.	4	45	A sin. on the E. I. Ry.; supplies on notice; water from wells and tanks near r-s., E. of which is site for C-G.; country and road as above; cross the Dharma (generally nearly dry) at 2 m., impassable for a few hours after heavy rain.
		Total marches, 5 =			
		45 m.			

Route No. 229.
FROM DUMKA TO GODDA.
via RAMGARH.

ACTIVITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southal Parganas, Dumka.	MANJHARA 100 x 100 yds.	7	7	A small village; supplies on notice; limited and indifferent water from a small stream; site for C-G., W. of village; country hilly and wooded; road metalled for first 5 m. only, but fit for all arms throughout.
		DOLPATIAR .	8	15	A small village; supplies on notice; indifferent water from a tank close to C-G., the latter (of unlimited size) being S. of village and E. of road; country open and fairly wooded; road metalled for first 6 m., thence unmetalled but bridged and fit for all arms.
		RAMGARH . b.	10	25	A small village; supplies on notice; limited quantity of good water from a well near b., and (for animals) from a tank; C-G. anywhere in vicinity of village; country and road as before.
		GHANGRABAD . b.	10	35	A small village; supplies on notice; limited quantity of good water from a well, and (for animals) from a tank; C-G. anywhere in vicinity of village; country and road as before.
		GODDA .	12	47	See Route 73. Country and road as before.
		Total marches, 5 =			
		47 m.			

Route No. 230.
FROM DUMKA TO JANGIPUR.
via MURARAI RAILWAY STATION.

ACTIVITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Col. of G. O. C. of Murshidabad, Bisham, Berhampore.	KANJHARA .	7	7	See Route 229.
		KATIKUND . p-o. b.	8	16	A village; supplies on notice; good water from wells and the Brahmini stream on bank of which, and about ½ m. E. of village, is extensive site for C-G.; country wooded and partly cultivated; road unmetalled, but bridged and in good order.
		GOPIKANDON . b.	8	23	A small village; supplies scarce; water of indifferent quality from a stream; C-G. anywhere near village; country and road as before.
		AMRAPARA . p-o.	8	31	A village; supplies on notice; abundant good water from the Bansloi, on bank of which, and about ½ m. E. of village, is extensive site for C-G.; country and road as before; the Bansloi is crossed at end of stage, fordable except when in flood.
		MANESHPUR .	14	45	Country and road as above, but latter unbridged and unsuitable for artillery; cross the Bansloi (dry except in the rains) soon after starting.
		MURARAI .	7	52	
		JANGIPUR .	16	67	See Route 115. For other remarks, see Route 105.
		Total marches, 7 =			
		67 m.			

Route No. 231.
FROM DUMKA TO PIRPAINTI.
via HASDHA AND GODDA.

APPROPRIATE.		Name of places and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G.O. C. Presidency District, Fort William	Colr. of Bhagalpur, Bhagalpur. Dy. Commr. of Southern Fergana, Dumka.	PIPRA . . .	8½	8½	See Route 120. For other remarks, see Route 72.
		NANIHAT . . .	8½	17	
		HASDHA . . .	8½	25½	
		PUREYA . . .	9	34½	
		GODDA . . .	11	45½	
		FATHARGAMA . . .	9	54½	See Route 72.
		SIMRA . . .	8	62½	
		PARTABPUR . . .	8	70½	
		PEROZEPUR- BHAGALPUR (BARAHAT.)	7	77½	
		PIRPAINTI . . .	8	85½	
		Total marches, 10 = 86½ m.			

Route No. 232.
FROM EDWARDESABAD TO DATTA KHEL.
via MIRANSHAH.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Panjsh Frontier Force, Abbottabad.	Political Officer, Tochi Valley.	SAIADGI p-o. t-s. b.	16	15	A military post; supplies on notice; good water from the Tochi R.; ample space for C-G. on a plateau near the post and out of reach of floods; road 20 ft. wide, unmetalled and unbridged, but passable for carts; cross the Baran nullah, which has seldom more than a few inches of water in it, at 4½, and pass Islam Ghowski Levy Post at 7½ m., then after a slight ascent and descent to Mirzail Levy Post, 10 m., the road continues parallel to the left bank of the Tochi to end of stage.
		IDAK p-o. t-s. b.	14	29	A large village; supplies procurable; good water from a nullah; unlimited space for C-G. round the military post; from the Saiadgi post the graded cart-road follows the left bank of the Tochi for 3½ m. to the Shinkai Kotal, which it crosses by a zig-zag; it still keeps to the left bank for some 2 m. to the exit from the Shinkai Tangi, just below Khajuri Levy Post, at 5½ m.; cross the Shina Aigad and ascend 120 ft. to Khajuri Post, which is near the junction of the Shina and Tochi; the road now leaves the river and skirts the Lower Davar Valley, until at 13 m. it passes over a rocky spot. Idak Post is reached at 14 m., about 1 m. N. of the village.
		MIRANSHAH p-o. t-s.	10	39	A military entrenched camp; supplies procurable; good water from wells and a nullah; unlimited space for C-G.; road as above, still keeping well to the N. of the Tochi R.; proceed for 5 m., first through cultivation, then over a stony tract, crossing 2 nullahs on the way, to a gap between low hills, where is the Lakk Levy Post, then along a plateau between low hills ascending a small <i>kotal</i> at 7 m., at Jaba Levy Post; ascend another small <i>kotal</i> and emerge from the hills at 8 m.; enter a nullah for short distance, then ascend to the Danda plain and reach Miranashah camp at 10 m., about 1 m. S-E. of the village.
		BOYA p-o. t-s.	12	51	A military entrenched camp; supplies on notice; good water from the Tochi and a well; ample space for C-G.; from the camp the cart-road turns northward across the plain to the foot of the hills, and skirting the cultivation of Upper Davar, passes to the N. of the numerous villages between Darpa Kbel and Chittan, crosses the Tochi at about 11 m., and reaches Boya camp 1 m. beyond.
		DATTA KHEL p-o. t-s.	13	64	A military entrenched camp; supplies on notice; grass and wood obtainable from the hills; abundant water from a stream and springs; ample space for C-G.; there are 3 roads from Boya to Datta Kbel, one by the river, along which a cart-road is to be constructed, another <i>via</i> the Spinobilla Kotal, 12 m., and the third by the Tut Nari, 13 m.; the second is the one generally used by convoys, though it is not such an easy road as the third, the disadvantage of the latter being that it runs for a great portion of its course in a nullah commanded by steep banks from 20 to 50 ft. high; the present road by the river bed is in good order and is fit for laden camels.
		Total marches, 5 = 64 m.			

Route No. 233.
FROM EDWARDESABAD TO DERA GHAZI KHAN.
via THE FRONTIER ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Bannu, Edwardesabad. Mr. Commr. of Dera Ismail Khan, Dera Ismail Khan.	JANI KHEL b.	15½	15½	A military outpost; village 1 m. distant; supplies on notice; abundant good water from tanks; no regular C-G., but space available for one battn.; country open and stony; road fair, unmetalled, passable for wheeled transport only as far as Mirian; cross the Kutob Kot canal at 3, pass Mirian at 8 and Barji at 12½ m. The direct road, which is both shorter and better supplied with water, is generally used in the dry weather. It makes the following stages:— Edwardesabad to Hawaid 11 m. Ahmad Zai or Bukkamull. 12 " Pohar Kbel " 13½ " Ama Kbel " 11 " TOTAL . 47½ m.
		SHAEDAN	8½	22	A halting place 2 m. W. of Wahn, which is a frontier post; supplies must be collected; water from springs 2 m. distant; country and road as above.
		Opposite TAJORI	8	30	A halting place 3¼ m. from Tajori frontier post; supplies must be collected; water, for one battn., from a tank near C-G., or from the Rad Nagrum springs; 3 m. distant; country and road as above.
		KHAIRU KHEL 11,620 sq. yds. b.	8½	38½	A small village and outpost; supplies on notice; plentiful good water from a tank, and from the Kharola stream; country and road as in previous stages.
		AMA KHEL 86,685 sq. yds. b.	15	53½	A village; supplies limited; water is obtained by digging pits in the bed of the <i>Soheli</i> stream; C-G. S.W. of village; country as before; the Bhattani range is crossed by the Bain pass between the 3rd and 5th miles.
		TANK	16	69½	See Route 200. Country level and open, with partial cultivation; road fair but heavy in places; pass Shah Alam at 10½ and Kot Pathann at 12 m.
		BORI	11	80½	A small village; supplies scarce; abundant water from canals; space available for C-G.; country and road as before; cross the Kirani and Gomai streams at 6 and 9 m., respectively; these streams are impassable for days after heavy rains in the hills.
		LUNI 15,275 sq. yds.	11	91½	A village and outpost; supplies scarce; water from pits dug in bed of the Luni stream; site for C-G. W. of outpost; country and road as in last stage; pass Zafar Kot at 6 m. and cross the Luni stream (impassable after rain, but dry at other times) towards end of march.

AUTHORITIES		Name of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.	ZARKANI . . .	9	100½	A small village and outpost; supplies scarce; abundant water from a canal; ample space can be cleared for C-G; country and road as above.
		DARABAN . . .	7	107½	
		CHAUDHRWAN . . .	11	118½	
		KOT THAGA KHAN . . .	7	125½	See Route 188. Country and road as above.
		KIRI SHAHMOZAI . . .	10	135½	
		DAULATWALA . . .	11	146½	
		YEHQA . . .	8	154½	See Route 100(b).
		JHOK BUDHU . . .	12	166½	
		MANGROTHA . . .	16	182½	
		MAHOI . . .	12	194½	
		MANDANI . . .	10	204½	
		YARU . . .	16	220½	
		DERA GHAZI KHAN . . .	14½	234½	For other remarks, see Route 100.
		Total marches, 21 = 23½ m.			

Route No. 234.

FROM EDWARDESABAD TO DERA ISMAIL KHAN.

via THE PEZU PASS AND THE DISTRICT ROAD.

AUTHORITIES		Name of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.	NAURANG SARAI . . .	16	16	NORM.—This road is bridged and metalled throughout, with 9 ft. metalling, possible for all arms; road level, except at the Pezu pass, where steepest gradient is in 25. See Route 4.
		SARAI GAMBILA . . . 188 x 166 yds. p-o b.	9	25	
		GHAZNI KHEL . . . 40,494 sq. yds. p-o b.	11	36	A village; supplies must be collected; good, but limited, water from two P. W. D. wells and a nullah and tanks; C-G, 1 m. from village; country fairly well cultivated; cross the Gambila stream on starting and Karoba bridge at 3 m.
		PEZU . . .	16	52	
		CHANDUA . . . 43,580 sq. yds. b.	5	57	A very small village; plentiful good water from a P. W. D. tank which is filled from a well; supplies on notice; country, an open plain up to the pass which is insignificant, enter pass in last half of stage; surrounding hills low, and descent to the plain beyond, trifling; cross the Pezu nullah (bridge) just before reaching village. The road to the sanitarium of Sheikh Budin (elevation 4,000 ft.) turns off from Pezu.
		YARIK . . . 30,940 sq. yds. b.	11	68	
		SAGGU . . . b.	11½	79½	A small village; supplies and water scarce; two tanks for holding rain water, but when they run dry the supply is brought from about 5 m. off; C-G, E. of road and close to village; country level and open with scarcely any cultivation.
		DERA ISMAIL KHAN . . . 178,000 sq. yds. p-o t-a b.	9	88½	
		Total marches, 9 = 88½ m.			A small village; supplies scarce; water from one well close by, but any number of wells can be dug, as water is very near the surface; small site for C-G, E. of road and close to village; country as above, cross the Mand at 2 and the Shakh at 10 m.

Name of the place		Distance		Remarks
From	To	By	Time	
NAGANAGAR	NAKANAGAR	10	10	By Road
	AKHAGAR	10	10	
	CHANDI NAGAR	11	11	By Road
	CHANDI	12	12	
	CHANDI	13	13	
	CHANDI	14	14	
CHANDI	15	15	By Road	
CHANDI	16	16		
CHANDI	17	17	By Road	
CHANDI	18	18		
CHANDI	19	19	By Road	
CHANDI	20	20		
CHANDI	21	21	By Road	
CHANDI	22	22		
CHANDI	23	23	By Road	
CHANDI	24	24		
CHANDI	25	25	By Road	
CHANDI	26	26		
CHANDI	27	27	By Road	
CHANDI	28	28		
CHANDI	29	29	By Road	
CHANDI	30	30		
CHANDI	31	31	By Road	
CHANDI	32	32		
CHANDI	33	33	By Road	
CHANDI	34	34		
CHANDI	35	35	By Road	
CHANDI	36	36		
CHANDI	37	37	By Road	
CHANDI	38	38		
CHANDI	39	39	By Road	
CHANDI	40	40		
CHANDI	41	41	By Road	
CHANDI	42	42		
CHANDI	43	43	By Road	
CHANDI	44	44		
CHANDI	45	45	By Road	
CHANDI	46	46		
CHANDI	47	47	By Road	
CHANDI	48	48		
CHANDI	49	49	By Road	
CHANDI	50	50		
CHANDI	51	51	By Road	
CHANDI	52	52		
CHANDI	53	53	By Road	
CHANDI	54	54		
CHANDI	55	55	By Road	
CHANDI	56	56		
CHANDI	57	57	By Road	
CHANDI	58	58		
CHANDI	59	59	By Road	
CHANDI	60	60		
CHANDI	61	61	By Road	
CHANDI	62	62		
CHANDI	63	63	By Road	
CHANDI	64	64		
CHANDI	65	65	By Road	
CHANDI	66	66		
CHANDI	67	67	By Road	
CHANDI	68	68		
CHANDI	69	69	By Road	
CHANDI	70	70		
CHANDI	71	71	By Road	
CHANDI	72	72		
CHANDI	73	73	By Road	
CHANDI	74	74		
CHANDI	75	75	By Road	
CHANDI	76	76		
CHANDI	77	77	By Road	
CHANDI	78	78		
CHANDI	79	79	By Road	
CHANDI	80	80		
CHANDI	81	81	By Road	
CHANDI	82	82		
CHANDI	83	83	By Road	
CHANDI	84	84		
CHANDI	85	85	By Road	
CHANDI	86	86		
CHANDI	87	87	By Road	
CHANDI	88	88		
CHANDI	89	89	By Road	
CHANDI	90	90		
CHANDI	91	91	By Road	
CHANDI	92	92		
CHANDI	93	93	By Road	
CHANDI	94	94		
CHANDI	95	95	By Road	
CHANDI	96	96		
CHANDI	97	97	By Road	
CHANDI	98	98		
CHANDI	99	99	By Road	
CHANDI	100	100		

Route No. 234(b).
FROM HAWARDI SABAD TO DLEA ISMAIL KHAN.
1671 11 25 1942

[illegible]

Route No. 234(c).
FROM EDWARD ARABO DEHA ISMAIL, KHAN,
MAY 1951

Page No.	Date	Particulars	Amount	Total
1	1/1/19	By Balance b/d	100.00	100.00
2	2/1/19	To Cash	50.00	150.00
3	3/1/19	By Cash	25.00	175.00
4	4/1/19	To Cash	75.00	250.00
5	5/1/19	By Cash	100.00	350.00
6	6/1/19	To Cash	150.00	500.00
7	7/1/19	By Cash	200.00	700.00
8	8/1/19	To Cash	250.00	950.00
9	9/1/19	By Cash	300.00	1250.00
10	10/1/19	To Cash	350.00	1600.00
11	11/1/19	By Cash	400.00	2000.00
12	12/1/19	To Cash	450.00	2450.00
13	13/1/19	By Cash	500.00	2950.00
14	14/1/19	To Cash	550.00	3500.00
15	15/1/19	By Cash	600.00	4100.00
16	16/1/19	To Cash	650.00	4750.00
17	17/1/19	By Cash	700.00	5450.00
18	18/1/19	To Cash	750.00	6200.00
19	19/1/19	By Cash	800.00	7000.00
20	20/1/19	To Cash	850.00	7850.00
21	21/1/19	By Cash	900.00	8750.00
22	22/1/19	To Cash	950.00	9700.00
23	23/1/19	By Cash	1000.00	10700.00
24	24/1/19	To Cash	1050.00	11750.00
25	25/1/19	By Cash	1100.00	12850.00
26	26/1/19	To Cash	1150.00	14000.00
27	27/1/19	By Cash	1200.00	15200.00
28	28/1/19	To Cash	1250.00	16450.00
29	29/1/19	By Cash	1300.00	17750.00
30	30/1/19	To Cash	1350.00	19100.00
31	31/1/19	By Cash	1400.00	20500.00
32	32/1/19	To Cash	1450.00	21950.00
33	33/1/19	By Cash	1500.00	23450.00
34	34/1/19	To Cash	1550.00	24900.00
35	35/1/19	By Cash	1600.00	26400.00
36	36/1/19	To Cash	1650.00	27950.00
37	37/1/19	By Cash	1700.00	29550.00
38	38/1/19	To Cash	1750.00	31200.00
39	39/1/19	By Cash	1800.00	32900.00
40	40/1/19	To Cash	1850.00	34650.00
41	41/1/19	By Cash	1900.00	36450.00
42	42/1/19	To Cash	1950.00	38300.00
43	43/1/19	By Cash	2000.00	40200.00
44	44/1/19	To Cash	2050.00	42150.00
45	45/1/19	By Cash	2100.00	44150.00
46	46/1/19	To Cash	2150.00	46200.00
47	47/1/19	By Cash	2200.00	48200.00
48	48/1/19	To Cash	2250.00	50250.00
49	49/1/19	By Cash	2300.00	52250.00
50	50/1/19	To Cash	2350.00	54250.00
51	51/1/19	By Cash	2400.00	56250.00
52	52/1/19	To Cash	2450.00	58250.00
53	53/1/19	By Cash	2500.00	60250.00
54	54/1/19	To Cash	2550.00	62250.00
55	55/1/19	By Cash	2600.00	64250.00
56	56/1/19	To Cash	2650.00	66250.00
57	57/1/19	By Cash	2700.00	68250.00
58	58/1/19	To Cash	2750.00	70250.00
59	59/1/19	By Cash	2800.00	72250.00
60	60/1/19	To Cash	2850.00	74250.00
61	61/1/19	By Cash	2900.00	76250.00
62	62/1/19	To Cash	2950.00	78250.00
63	63/1/19	By Cash	3000.00	80250.00
64	64/1/19	To Cash	3050.00	82250.00
65	65/1/19	By Cash	3100.00	84250.00
66	66/1/19	To Cash	3150.00	86250.00
67	67/1/19	By Cash	3200.00	88250.00
68	68/1/19	To Cash	3250.00	90250.00
69	69/1/19	By Cash	3300.00	92250.00
70	70/1/19	To Cash	3350.00	94250.00
71	71/1/19	By Cash	3400.00	96250.00
72	72/1/19	To Cash	3450.00	98250.00
73	73/1/19	By Cash	3500.00	100250.00
74	74/1/19	To Cash	3550.00	102250.00
75	75/1/19	By Cash	3600.00	104250.00
76	76/1/19	To Cash	3650.00	106250.00
77	77/1/19	By Cash	3700.00	108250.00
78	78/1/19	To Cash	3750.00	110250.00
79	79/1/19	By Cash	3800.00	112250.00
80	80/1/19	To Cash	3850.00	114250.00
81	81/1/19	By Cash	3900.00	116250.00
82	82/1/19	To Cash	3950.00	118250.00
83	83/1/19	By Cash	4000.00	120250.00
84	84/1/19	To Cash	4050.00	122250.00
85	85/1/19	By Cash	4100.00	124250.00
86	86/1/19	To Cash	4150.00	126250.00
87	87/1/19	By Cash	4200.00	128250.00
88	88/1/19	To Cash	4250.00	130250.00
89	89/1/19	By Cash	4300.00	132250.00
90	90/1/19	To Cash	4350.00	134250.00
91	91/1/19	By Cash	4400.00	136250.00
92	92/1/19	To Cash	4450.00	138250.00
93	93/1/19	By Cash	4500.00	140250.00
94	94/1/19	To Cash	4550.00	142250.00
95	95/1/19	By Cash	4600.00	144250.00
96	96/1/19	To Cash	4650.00	146250.00
97	97/1/19	By Cash	4700.00	148250.00
98	98/1/19	To Cash	4750.00	150250.00
99	99/1/19	By Cash	4800.00	152250.00
100	100/1/19	To Cash	4850.00	154250.00

AUTHORITIES,		Names of stages and size of encamping grounds	DISTANCES		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force, Abbottabad.	By Corner of Jora Ismail Khan Dera Ismail Khan	PAMALA . . .	15	61	Country at first level and open, road sandy and stony through the Tiger Large pass; a road suitable for mules, runs from Pamala to Sheikh Badin sanitarium distance 10 m., gradient steep in places See Route 234(n)
		BAND . . .	10	76	
		DERA ISMAIL KHAN	15	91		For other remarks see Route 235.
		Total marches, 6 = 91 m			

Route No. 235.
FROM EDWARDESABAD TO RAJANPUR.
via THE FRONTIER ROAD.

AUTHORITIES		Names of stages and sites of camping grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C Punjab Frontier Force, Abbottabad	Dy Commr. of Banna, Rawarcabad Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan, Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan.	JANIKHEL . . .	18½	15½	NOTE—This route should not be used without first consulting the civil authorities regarding the water-supply and state of the road. Routes 281 and 190(a) are preferable for the movement of troops. See Route 238. For other remarks, see Route 200. For other remarks, see Route 128. See Route 190(b). A village and frontier post; supplies procurable, limited brackish water from one well near village, close to which is ample site for C-G; country as before, road 12 ft wide, unmetalled, passable for all arms, but often much out up. Country as before, road as in previous stage, running for some distance through sandy tracts. See Route 197(b). For other remarks, see Route 197.
		SHAHDAN . . .	6½	22	
		Opposite TAJORI . . .	8	30	
		KHAIRU KHEL . . .	8½	38½	
		AMA KHEL . . .	15	53½	
		TANK . . .	16	69½	
		ROBI . . .	11	80½	
		LUNI . . .	11	91½	
		ZARKANI . . .	9	100½	
		DARABAN . . .	7	107½	
		CHAUDHWAN . . .	11	118½	
		KOT THAGA KHAN . . .	7	125½	
		KIRI SHAHMOZAI . . .	10	135½	
		DAULATWALA . . .	11	146½	
		VEHOA . . .	8	154½	
		JOKEH BUDHO . . .	12	166½	
		MANGROTHA . . .	16	182½	
		MAHOI . . .	12	194½	
		MAMDANI . . .	10	204½	
		YARU . . .	16	220½	
		VIDORE . . .	10	230½	
		GHOTI . . .	16	246½	
		GUNGHEHAR . . .	12	258½	
		HARRAND . . .	18	276½	
		DRIGRI . . .	12	288½	
		BUM-KA THUL . . . (NOT RUM)	10	298½	
		MUHAMMADPUR . . .	12	310½	
		RAJANPUR . . .	8	318½	
Total marches, 28 =					
318½ m					

FROM EDWARDESABAD TO TANK.

via PEZU.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Bonnat, Edwardeabad.	NAURANG SARAI	16	16	NOTE.—This route would be specially useful for troops moving from Edwardeabad and Kohat to relief of the garrisons in the Shahar and Gemol, i.e., Wano, Kajuri Kach, Jatta, Tank in the Gemol, and Sarwakai and Jandala in the Shahar.
		SARAI GAMBILA.	9	25	
		GHAZNI KHEL.	11	36	See Route 234.
		PEZU . . .	16	52	
		ABAZAR . . .	14	66	A village; supplies on notice, but limited; good water from the Takwara stream $\frac{1}{2}$ m. S. of C-G., ample site for which is N. of and close to village; country open and sandy; road merely a country track, mostly over heavy sand, impassable for wheeled transport.
		TANK . . .	9	75	
		Total marches, 6 = 75 m.			See Route 200. Country and road as in last stage, latter impassable throughout in the rains, when the Sahal and Takwara torrents are in flood.

Route No. 237.

FROM ETAN TO BUDAUN.

via KASGANJ AND KACHLA GHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Etah, Etah.	MARAICHI . .	12	12	A village; supplies on notice; good water, for a battn., from wells in vicinity of village, E. of and close to which is site for C-G.; country level, open and well cultivated; road metalled and bridged, suitable for all arms; cross the Ganges canal at 7 $\frac{1}{2}$ m.
		KASGANJ . .	7	19	
		SONON . .	8 $\frac{1}{2}$	27 $\frac{1}{2}$	Country and road as above; cross the Kali Nadi at 4 $\frac{1}{2}$ m.
		KACHLA . .	6	33 $\frac{1}{2}$	
		UJHANI . .	10 $\frac{1}{2}$	44 $\frac{1}{2}$	See Route 12.
		BUDAUN . .	8 $\frac{1}{2}$	53 $\frac{1}{2}$	
		Total marches, 6 = 53 $\frac{1}{2}$ m.			

Route No. 237(a).

FROM ETAN TO BUDAUN.

via PATIALI AND KAKRALA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Etah, Etah.	SIRHPURA 44,620 sq. yds. p-o.	13 $\frac{1}{2}$	13 $\frac{1}{2}$	A small town; supplies plentiful; abundant good water from wells in and near town, close to which and W. of road is site for C-G.; country level, open and well cultivated; road 25 to 30 ft. wide, unmetalled, but bridged, except over the Kali Nadi which is crossed at 9 m., by ford in dry weather, by ferry (two boats, carrying 60 men each) in the rains; pass Sultanpur at 11 $\frac{1}{2}$ m.
		PATIALI 41,140 sq. yds. p-o. r.s.	9 $\frac{1}{2}$	23 $\frac{1}{2}$	
		KADIRGANJ 69,080 sq. yds. p-o.	8 $\frac{1}{2}$	32 $\frac{1}{2}$	A town; supplies procurable; plentiful good water from wells on C-G., site for which is S. of and close to town; country and road as above, except the last mile of the latter which is metalled.
		KAKRALA 220 x 261 yds. p-o.	10 $\frac{1}{2}$	43 $\frac{1}{2}$	
		BUDAUN . .	11	54 $\frac{1}{2}$	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is in a grove close to village; country chiefly covered with grass jungle; road as above; cross the Ganges at 3, by ferry (two boats carrying 60 men each) and the Soti R. at 9 m., fordable, except after heavy rain, when one boat, capacity about 60 men, would be available.
		Total marches, 6 = 54 $\frac{1}{2}$ m.			
					See Route 12. Country open and well cultivated; road for first 6 m., unmetalled and heavy in places, but bridged, remainder metalled; pass Phulpurn at 2 $\frac{1}{2}$ and Rusalpur at 7 $\frac{1}{2}$ m. Near the Soti R., 1 m. from Budaun, is much wooded ground, where a large force might encamp.

Route No. 238.
ETAH TO MAINPURI.
FROM ET
via KURAOLI

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Meerut District, Meerut	Colr. of Etah, Etah, Mainpuri	MALAWAN .	12	12	See Route 266
	Colr. of Etah, Etah, Mainpuri	KURAOLI .	11	23	
	Colr. of Etah, Etah, Mainpuri	MAINPURI .	13	36	See Route 16
		Total marches, 3 = 36 m.			Country and road as before, pass Bijauli at 6 m

Route No. 239.
ETAH TO MUTTRA.
FROM ET
via HATHRAS

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Meerut District Meerut	Colr. of Etah, Etah, Mainpuri	AWAGARH . 40,000 sq yds. p o	13½	13½	A town, supplies procurable; plentiful good water from wells; site for C-G E of town and near police stn; country level, open and well cultivated, road metalled and bridged, suitable for all arms, cross the Isan at 2 and the Ratra at 9½ m
		JALESAR . 86,000 sq yds. p o	12½	26	A town, supplies abundant; plentiful water from wells near C-G, site for which is W of road; country and road as above, pass Awagarh on starting, via an unmetalled road branches off to Tindli r.s., distant 22 m; pass Pandri at 2½ and Panohra at 7½ m Jalesar Road r.s. is 7½ m distant from the town.
					N.B.—An unmetalled cart road, 2½ to 39 ft. wide, passable for troops of all arms, from Etah to Jalesar, makes the following stages:— Kudhali 11 m Jalesar 14 „ TOTAL 25 m
	Colr. of Muttra, Aligarh, Aligarh.	HATHRAS .	18	44	There are no C-Gs, but supplies can be collected, and a camp might be pitched on cultivation W of the road at Kudhali; water from village wells See Route 9
		RAYA .	13½	57½	Country and road as above, Hathras is on Carnapore Achnera Ry and is 5 m. W of the Hatras Road Junction on E. I Ry with which it is connected by a good metalled road, r.m.s. g. alongside the ry. cross the Isan at 5 m, fordable, except in the rains when two boats are available, carrying 50 or 60 men
		MUTTRA .	10½	68½	Country and road as before, latter running alongside the ry., at 10 m no unmetalled road leads to Igus, distant 11 m See Route 28 For other remarks, see Route 15
		Total marches, 6 = 67½ m			

Route No. 240.
FROM ET
SHIKOHABAD RAILWAY STATION.
and JASRANA.

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Meerut District, Meerut	Colr. of Etah, Etah, Mainpuri	BAKSHIPUR .	13	13	A small village, supplies on notice; plentiful good water in vicinity of C G, site for which is in fields close to village, country open and well cultivated, road metalled and bridged; cross the Isan (fordable, except after heavy rain) at 0½ and pass Rajor at 11½ m
		JASRANA . 118,814 sq yds. p o	11	24	A large village, supplies abundant, plentiful good water from wells in the vicinity of C-G, which is E of road and near village, country and road as in last stage; cross the Arund at 5 m
	Colr. of Meerut, Meerut, Meerut	SHIKOHABAD RY STN.	12½	36½	See Route 15
		Total marches, 3 = 36½ m			Country and road as above, cross the Seygur at 2 and pass the town of Shikohabad at 10 m

Route No. 241.
FROM ETAWAH TO MANDRAEL.
via MEHGAON, JIGNI AND SABALGARH.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Etawah, Etawah.	UDAI . . .	7½	7½	A small village on left bank of the Chambal; supplies from Etawah; good water from the river, near which is extensive (in dry season only) site for C-G.; country well cultivated; road 80 ft. wide and metalled; cross the Jumna at about 3 m., by pontoon bridge in dry season, by ferry (3 boats, each carrying 150 men) in the rains.
		BHIND 250 × 280 yds. p-o. b.	18	20½	A town, partly in ruins; supplies procurable; plentiful good water from a well N. of C-G., which is W. of road and town; country intersected by ravines for about 8 m., thence flat and cultivated; road as above; cross the Chambal on starting, by bridge-of-boats in dry season, by ferry (16 boats) in the rains, and the Koari at 7½ m., by ford in dry season, by ferry in the rains.
		MEHGAON . 500 × 250 yds. p-o. b.	19½	33	A large village; supplies on notice; good water, for a battn., from a well S. of C-G., which is E. of road and near village; country flat and cultivated; road as above; pass Doho at 2½ and Ghijora at 9 m.
		GONEMI . 200 × 75 yds. p-o. b.	9½	42½	A village; supplies on notice, but limited; good water, for a battn., from a well near b., 200 yds. N-E. of which and W. of village is site for C-G.; country and road as above.
		PORESA . 160 × 130 yds. p-o. b.	10½	53½	A village; supplies on notice; good water, for a battn., from a well E. of C-G., site for which is S-W. of village and W. of a large tank; country and road as above; cross the Koari at 5½ m., by ford, in dry weather, over a causeway.
		AMBAH . 400 × 250 yds. p-o. b.	10	63½	A town with hospital and barracks; supplies on notice; good water, for a battn., from 2 wells, one at b., and the other near C-G., site for which is W. of, and close to, tehsil; country and road as before; pass Tharra at 6 m.
		JIGNI . 40,000 sq. yds.	15½	79	A large village; supplies on notice; good water, for a battn., from 2 wells E. of C-G., which is W. of road and village; country and road as above; pass Pakrapura at 4 and cross the Koari at 8½ m., by ford over a stone causeway in dry weather, by floating bridge in the rains.
		JONRA . 60,000 sq. yds.	6½	84½	A village; supplies on notice; good water, for a battn., from a well on C-G., which is among trees S-E. of village and near the Agra-Jhansi road; country and road as before; cross the ry. line near Alorona r-o. at 4½ m.
		JAURA . 250 × 190 yds. p-o. b.	15½	99½	A town; supplies procurable; good water, for a battn., from a well in centre of C-G., which is reached ½ m. before village, with a temple on it; country and road as above; pass Chaim at 9½ and Bilgaon at 12½ m.
		KELARAS . 400 × 120 yds. p-o.	12	111½	A large village on right bank of the Koari; supplies on notice; good water, for a battn., from a well in a garden E. of C-G., which is at the foot of a hill, about ½ m. E. of village; country and road as above; cross a branch of the Koari en route, by a strong iron bridge.
G. O. C. Bundelkhand District, Agra.	Sainia's Territory. Resident at Gwalior, Gwalior.	SABALGARH . 123,600 sq. yds. p-o. b.	14½	126½	A town with large fort; supplies plentiful; abundant good water from wells in gardens in vicinity of C-G., which is N. of town and 150 yds. W. of b., partly enclosed by a small stream; country flat and sparsely cultivated, hills on S. of road quite close; road good, but unmetalled for last ½ m.; cross the Koari soon after starting by an iron bridge, and pass Kaodoli at 10 m.
		MANDRAEL . 250 × 200 yds.	11	137½	A walled town; supplies procurable; good water, for a battn., from a well 200 yds. N. of C-G., which is S. of and close to town; country rocky and cut up by ravines; road bad and impracticable for carts, crossing many nullahs; a guide would be necessary; pass Mangraol at 2½ and cross the Chambal (deep and unfordable) at 8½ m., by ferry, 6 boats, each carrying 8 men.
Fcl. Agt., Eastern States, Rajputana, Dholpur.		Total marches, 12 =			
		137½ m.			

Route No. 242.
FROM FARIDPUR TO CHUADANGA RAILWAY STATION.
 and CHANDPUR AND JHENIDAH.

AUTHORITIES.		Nature of stages and also of encamping grounds	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Faridpur, Faridpur	KANAIKUR 243,000 sq yds	7	7	A village on left bank of the Kumar R., supplies must be collected, good water from the river, near which and in fields is site for C-G, country low-lying and completely under water during the rains; road 16 ft to 20 ft wide, unmetalled, the wooden bridges will not bear artillery; cross Faridpur Bazar Khal on starting, by temporary bridge in the dry season, by ferry (1 large boat) in the rains.
		CHANDPUR. 72,000 sq yds.	4	11	A village on left bank of the Kumar; supplies must be collected, good water from the river, on bank of which and close to village is site for C-G; country and road as before, cross a stream, by wooden bridge, en route.
		SYDPUR 242,000 sq yds	9	20	A village on left bank of the Baracca R., supplies on notice, good water from the river near which and in paddy fields (flooded in the rains) is site for C-G; country and road as before, cross the Kumar on starting by ferry carrying 20 men, and 8 unbridged gaps en route, by ford in dry season, by ferry in the rains.
		BINODPUR. p-o.	13	33	A large village on left bank of the Nobonganga R., supplies on notice, good water from the river, near which and in fields close to village is extensive site for C-G, country low and swampy, road as before.
	Collector of Jessore, Jessore	MAGURA. p-o.	6	39	A small civil station on right bank of the Nobonganga R., supplies on notice, good water from the river, near which and in fields close to village is extensive site for C-G; country and road as above, cross the Nobonganga R. on starting, by ferry, carrying 12 men.
		GOPALPUR.	8	47	A small bazar on right bank of the Nobonganga R., supplies on notice, good water from the river, near which is extensive site for C-G, country and road as before, cross a stream in the 3rd m. by ferry carrying 12 men.
		JHENIDAH. 50,000 sq yds p-o	6	53	A small civil station on right bank of the Nobonganga; supplies on notice, plentiful good water from the river, in fields near which is site for C-G; country as above, road raised above flood level and metalled for the last 2 m.
		BORAI.	12½	67½	A small village, supplies on notice from Sadohati 1½ m. distant, indifferent water from the Nobonganga, in fields near which is extensive site for C-G, country as above, road, above flood-level, metalled and bridged, suitable for all arms.
G O C Presidency District, Fort William	Collector of Naldia, Naldia	CHUADANGA Rly. STN p-o.	11	78½	A small town on the Matabhanga R.; supplies on notice, indifferent water from the river, in fields near which is site for C-G; there is also a small site near r-s, country and road as in last stage, pass Subedi at C-G.
		Total marches, 9 = 78½ m			

Route No. 243.
FROM FARIDPUR TO DACCA
 via ROHITPUR

AUTHORITIES.		Nature of stages and also of encamping grounds	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Dacca, Dacca	LEBRAGANJ (HARIRAMPUR) p-o.	7	7	A village; supplies on notice, good water from the Ganges, near left bank of which (during dry season only) is extensive site for C-G, country low and submerged during the rains, road a mere track, impassable for carts during the greater part of the year.
		PALANGANJ.	16	23	A village, supplies on notice, good water from the Palanganj Khal (dry in dry season) and a tank 2½ m. W of village, extensive site for C-G being near latter, country and road as before, cross the Palanganj Khal at end of stage, no ferry.
		CHURAIN.	11	33	A village near the Ichamati; supplies on notice, good water from the river, close to which is extensive site for C-G; country and road as before, cross the Ichamati at end of stage, by ferry.
		ROHITPUR. p-o.	8	41	A village, supplies on notice, good water from the Dhaleswari, near which is extensive site for C-G, country and road as before; cross the Dhaleswari (2 m. wide) at end of stage by a ferry of 3 boats, carrying 35 men each; nullahs unbridged, but fordable in dry season.
		DACCA 122,220 sq yds p-o to r-s b.	8	49	A civil station and old cantonment, supplies plentiful, good water from the water-works and tanks in vicinity of C-G, which is N of and close to town, country as above; road a fair wheel-track, passable in dry season; cross the Buriganga at end of stage, by large ferry, nullahs as in last stage.
		Total marches, 6 = 49 m			

Route No. 244.
FROM FARIDPUR TO GOALUNDO

AUTHORITIES.		Nature of stages and also of encamping grounds	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Faridpur, Faridpur	GOALUNDO.	18	18	See Route 107. Country low and subject to inundation, road metalled for the first 8 m only, but raised through out, though frequently submerged by the over flowing of the Ganges or Padma R.; cross 2 khals en route one by a strong bridge, the other by ferry (1 boat carrying 50 men), pass Nimala about half way where a halt might be made; it is not recommended, however, the country being unhealthy. The best way to reach Goalundo from Faridpur is by steamer, there being a regular service.
		Total marches, 1 = 18 m			

FROM FATEHGARH TO ALIGARH.

via ALIGANJ, ETAH, AND THE GRAND TRUNK ROAD.

ACTIVITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Furruckabad, Fatehgarh.	NAWABGANJ 500 x 180 yds. p-o.	16	16	A good-sized village; supplies on notice; fair water, for a battn., from 2 wells close to C-G., which is W. of and near village; country level, open and well cultivated; road metalled for first 7 m., thence unmetalled, but bridged throughout and practicable for all series; pass through the town of Furruckabad at 2½, Barua at 8 m., and Nawabganj at end of stage.
	Collector of Etah, Etah.	ALIGANJ 203,200 sq. yds. p-o. b.	16½	31½	
G. O. C. Meerut District, Meerut.	Collector of Aligarh, Aligarh.	PARAULI 60,500 sq. yds.	13	44½	A small village; supplies on notice; plentiful good water from wells in vicinity of C-G., site for which is on roadside near village; country and road as above, but latter heavy and sandy in places; pass Dharauli at 8 and Kokia at 11 m.
		BHAGWALA 550 x 440 yds.	11	55½	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., site for which is on roadside W. of and close to village; country as before; road as above, except at the Kali Nadi which is crossed at 3½ m. by bridge-of-boats in dry season, by ferry (4 boats) in the rains; pass Harmanli at 9 m.
		ETAH . . .	9	64½	Country and road as before; cross the Ganges canal at 4 and pass Koorai at 6 m.
		BHADWAS . .	11	75½	See Route 236.
		SIKANDRA-RAO	9	81½	
		AKRABAD . .	10½	94½	
		ALIGARH . .	14½	109	
		Total marches, 9 = 109 m.			

Route No. 245(a).

FROM FATEHGARH TO ALIGARH.

via ALIGANJ, KASGANJ, AND GANGIRI.

ACTIVITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Furruckabad, Fatehgarh.	NAWABGANJ	16	16	See Route 245.
	Collector of Etah, Etah.	ALIGANJ . .	16½	31½	
G. O. C. Meerut District, Meerut.	Collector of Aligarh, Aligarh.	PARAULI . .	13	44½	See Route 237(a). Country level, open and well cultivated; road 25 to 30 ft. wide, unmetalled and sandy in places; pass Surawal at 5½ and Bhojpur at 8 m.
		SIEHPURA . .	10	64½	
		AMANPUR p-o.	9	63½	A village; supplies on notice; plentiful good water from a well on C-G., site for which is W. of, and close to, village; country and road as before; 1¼ m. Chowki at 2 and Urjaipur at 5 m.
		KASGANJ . .	10	73½	See Route 12. Country and road as before; heavy sand near Kasganj; pass Karsana at 4 m.
		GANGIRI . .	12½	86	See Route 24.
		JALALI . .	11½	97½	
		ALIGARH . .	16½	111½	For other remarks see Route 203.
		Total marches, 9 = 111½ m.			

Route No. 245(b).
FROM FATEHGARH TO ALIGARH.
 via ALIGANJ AND SAHAWAR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow.	Collector of Farrukhabad, Fatehgarh	KAWABGANJ	10	10	Norm—Route 245 is preferable to this, the road being in better condition throughout. See Route 245.
		ALIGANJ	16½	21½	
		PATIALI	17	48½	
	Collector of Etah, Etah Aligarh	SAHAWAR 18 300 sq yds p-o r-s	19	61½	See Route 237(a) Country level open and well cultivated, road for first 8 m metalled and bridged, remainder unmetalled but in good condition and suitable for all arms; pass Kyia at 3 and cross a branch of the Budh Ganga (fordable) at 12 m. A town; supplies procurable; plentiful good water from 2 wells on C-G, site for which is about 200 yds. E. of town, country as above; road 25 ft. wide, unmetalled, heavy and unsuitable for wheeled traffic, pass Dandawa at 5 m.
		KASGANJ	11	72½	See Route 12. Country and road as above.
		GANGIRI	12½	85	See Route 24. For other remarks see Route 205.
		JALALI	11½	96½	
G O C Meerut District, Meerut	Collector of Aligarh	ALIGARH	14½	110½	
		Total marches, 8 = 110½ m			

Route No. 245(c).
FROM FATEHGARH TO ALIGARH.
 via KAMGANJ, PATIALI KASGANJ, AND GANGIRI

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow.	Collector of Farrukhabad, Fatehgarh	SHUHRULLAPUR 170 x 170 yds	12	12	A small village, supplies on notice, plentiful good water from 3 wells in village, and (for animals) from the Ganges canal near C-G, which is ½ m W of the ry line, country level and well cultivated, road metalled and bridged, suitable for all arms, pass through the town of Farrukhabad at 2½ and leave it at 4 m, whence a road (Route 246) branches off to Shamsabad. A large town, supplies procurable, plentiful good water from 2 wells, and (for animals) from the Ganges canal near C-G, which is close to town and ¼ m from r-s, country and road as in last stage; pass Doleganj at 3½, a metalled road to Shamsabad at 4½, and Popri at 8 m. A large village; supplies on notice, good water, for a battn, from wells and (for animals) from a small pond near C-G, which is W of and close to village, country as in last stage, road unmetalled, sandy and heavy, but bridged and practicable for all arms, pass Kuper at 8 m. A small village, supplies on notice, plentiful good water from 4 wells within 300 yds of C-G, which is on roadside 200 yds from village; country as in last stage; road 24 ft wide, neither metalled nor bridged and heavy in places; crosses the Budh Ganga at 5 m, by ford in dry weather, by ferry (1 large boat) in the rains.
		KAMGANJ 240 x 180 yds. p-o to r-s	10	22	
		KAMPIL 150 x 110 yds. p-o	6	28	
		SIWARI 200 x 100 yds.	8	36	
	Collector of Etah, Etah Aligarh	PATIALI	10	46	See Route 237(a). Country and road as above, cross the Budh Ganga (no ferry) at 7 m., by ford in dry season.
		SAHAWAR	18	60	See Route 245(b). For other remarks see Route 12.
		KASGANJ	11	70	
		GANGIRI	12½	82½	See Route 24. For other remarks see Route 205.
		JALALI	11½	94	
		ALIGARH	14½	108½	
G O C Meerut District, Meerut	Collector of Aligarh	Total marches, 10 = 108½ m			

Route No. 246.
FROM FATEHGARH TO BUDAUF.
 via KARRALA.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh Dist., Lucknow	Collector of Farrukhabad, Fatehgarh	ROSHANABAD 180 x 75 yds. p-o	12½	12½	A moderate-sized village, supplies procurable, plentiful good water from wells, and (for animals) from a pond, in and near village, 500 yds. S of which is C-G, country well cultivated, road metalled and bridged for first 5 m only, thence 30 ft. wide, sandy and heavy difficult for wheeled traffic; leave the town of Farrukhabad at 4 and pass Amliya at 10 m.

ACTIVITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh Dist., Lucknow.	Collector of Furruckabad, Fatehgarh.	PUNTHAR . .	16	28½	A small village near right bank of the Ganges; supplies on notice; indifferent limited water from wells on C-G., small site for which is about ½ m. from village; country as above, excepting the latter part of the stage, which is dry and arid; road, a cart track, difficult at all times for wheeled traffic, impassable in the rains; pass Shamsabad at 4, cross the Budh Ganga (fordable) at about 7, and pass Ahmadganj at 11 m.
		ATEHNAR . . 260 × 220 yds.	4	32½	
		USEHAT . . 260 × 220 yds. p-o. b.	9½	42½	
		KAKRALA . .	7	49½	
		BUDAUN . .	11	60½	
G. O. C. Bahawalpur District, Bareilly.		Collector of Bahawal, Bahawal.			A large village; supplies plentiful; abundant good water from wells, and (for animals) from the Sota stream near village, W. of and close to which is C-G.; country cultivated with patches of high grass and jungle; road unmetalled, but bridged, except the Sota stream, which is crossed at 4 m., by bridge-of-boats in dry season, by ferry (1 boat carrying 50 men) in the rains; pass Kakhora at 6 m.
Total marches, 6 = 60½ m.					
					Country and road as before; pass Rapapur at 2 m. See Route 237 (a). For other remarks see Route 12.

Route No. 247.
FROM FATEHGARH TO ETAWAH.
via BEWAR.

ACTIVITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Oudh District, Lucknow.	Collector of Furruckabad, Fatehgarh.	MUHAMMADABAD	18	18	} See Route 16. For other remarks see Route 226.	
		BEWAR . . .	11	24		
		KISHINI . . . 27,770 sq. yds. p-o.	14	39		
G. O. C. Meerut District, Meerut.	Collector of Mainpuri, Mainpuri.	MANJ . . .	12	50	A large village; supplies procurable; plentiful good water from wells, and from a tank near village, close to which and in fields is site for C-G.; country level, open and well cultivated; road metalled and bridged; cross the Isan at 7, a branch of the same stream at 8½, and the Arund at 10½ m. An unmetalled road branches off from Kishni to Karkhal, distant 20 m.	
		ETAWAH . . .	13½	63½		A large village on rising ground, ¼ m. W. of road; supplies on notice; abundant water from wells in vicinity of village, near which and in fields is site for C-G.; country and road as before; cross the Pim stream at 8½ m. See Route 16. Country fairly cultivated; road as above; cross the Ahmi stream on starting and the Seyngur at 8 m.
		Total marches, 6 = 63½ m.				

Route No. 248.
FROM FATEHGARH TO HARDOL.
via SANDI.

ACTIVITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Hardol, Hardol.	DIHAMPUR . . 300 × 300 yds.	11	11	A small village; supplies procurable; good but limited water from a well on C-G., which is 8. of road and near village; country level, open and cultivated; road metalled and bridged for a short distance after starting, thence unmetalled, heavy, rough, and sandy; cross the Ganges at 1½ m. by ferry (3 boats carrying 100 men).
		SANDI . . 450 × 310 yds. p-o.	14	25	
		HARDOL . .	12	38	
		Total marches, 3 = 38 m.			

Route No. 249.
FROM FATEHGARH TO SHAHJAHANPUR.
via JALALABAD.

AUTHORITIES		Names of stages and site of encamping grounds	DISTANCE		REMARKS.	
Military	Civil		Miles	Total		
G O C Oudh District Lucknow.	Collector of Furruckabad, Fatehgarh.	ALLAHGANJ	13	13	See Route 87.	
		JALALABAD	12½	25½		
G O C Rohilwud District, Bareilly.	Collector of Shahjahanpur, Shahjahanpur.	KANT 2,000 sq yds p-o.	10	35½	A village, supplies on notice, good water, for a battn. from a well on C-G, which is on roads do close to village; country flat and cultivated, road metalled and bridged, passable for all arms, pass Jahanpur at 6½ m.	
		SHAHJAHANPUR Chowk.	10½	46½		See Route 82. Country and road as before; cross the Garra near the town of Shahjahanpur at 8 m by bridge of boats in dry season, by ferry (5 boats carrying 100 men each) in the rains
		Total marches, 4 = 46½ m				

Route No. 250.
FROM FATEHGARH TO SITAPUR.
via SHAHABAD

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Oudh District, Lucknow	Collector of Furruckabad, Fatehgarh.	ALLAHGANJ .	13	13	See Route 87.
		PAITI 200 x 200 sq yds. p o s.	10	23	A small town on right bank of the Garra, supplies procurable; good water, for a battn., from wells in the vicinity of C-G, which is W. of road and near town, country open and well cultivated; road, a country track, flooded during the rains, and very difficult at all times for wheeled traffic; cross the Sindia stream (unbridged, no ferry, but fordable in dry season) at 2, and pass Jara at 7 m.
		SHAHABAD . 90 000 sq yds. p-o t-o r-o.	11	34	A large town, supplies abundant, good water, for a battn., from a well E of and close to C G, which is on roadside near town, country as above, road neither metalled nor bridged, flooded and difficult for wheeled traffic during the rains, cross the Garra R. on starting, by ferry (2 boats, carrying 50 men each), and pass Pavell at 4 m., nullahs always fordable.
		ANJHI . 90 000 sq yds r-o	6	40	A small village on right bank of the Sikhetia stream; supplies procurable; good but limited water from a well on C-G, which is N of road and close to village, country as above, road to Anjhi r-o, which is passed at 4 m., is metalled, metalled and bridged, thence as in last stage.
		PIHANI 100 000 sq yds p-o. r-o	11	51	A town, supplies procurable, good water, for a battn., from a well on C G, which is near town, country as above; road as in latter part of last stage, cross the Sikhetia (fordable except after heavy rain) on starting, and the Soli (strongly bridged) at end of stage.
	Deputy Commissioner of Hardoi	KULABAR GHAT. 600 x 400 yds	6	57	A small village, supplies procurable; good but limited water from a well ½ m. E of C-G, which is close to village near the Gumti, country and road as above pass Dhuba at 4½ m.
		Deputy Commissioner of Sitapur, Sitapur	MAHOLI 400 x 300 yds p-o	12	69	A large village; supplies procurable; abundant good water from wells on and near C-G, which is N of road and close to village; country and road as before, but sandy and heavy for the first 3 m., cross the Gumti on starting, by a ferry, and the Kutua R. (unbridged) at end of stage.
SITAPUR Church			14½	83½	See Route 154. Country as above, road metalled, metalled and bridged, practicable for all arms; cross the Pirah at 11 m and the Surain at end of stage, the trestle bridge over the latter stream is unsafe for heavy wheeled traffic, which must cross by the old bridge and proceed through the old town of Sitapur.
		Total marches, 8 = 83½ m			

Route No. 251.
FROM FATEHPUR TO FYZABAD.
via LALGANJ AND HAIDARGARH.

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Bahawalpur, Bahawalpur.	RAIPUR	9	9	A halting place on left bank of the Ganget; supplies scarce, plentiful good water from wells on C-G small pits for which is on both sides of road, near the river, country level, open and well cultivated; road unmetalled, but metalled and bridged, cross the Ganget at Bithum Ghat at end of march, by 4 country boats, each carrying 3 tons.

ATTENDANCE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oath District, Lucknow.		Deputy Commissioners of Rae-Bareilly, Rae-Bareilly.			
		LALGANJ . . .	11	20	See Route 30. Country and road as above, but latter liable to floods and difficult for wheeled traffic, in the rains; from Lalganj road's branch off to Dalmau, Bibar, and Rae-Bareilly, distant respectively 0, 16, and 19 m.
		GURBAKSHGANJ 400 x 200 yds. p-o.	10	30	A bazar; supplies procurable; abundant good water from 2 wells on C-G., which is W. of road, and near bazar; country and road as before; cross the Baraha nullah (strongly bridged) at 7 m.
		BACHHRAON p-o. r-s.	14	44	A large village; supplies procurable; plentiful good water from a well on C-G., small site for which is N-E. of road and near village; country and road as above, but latter sandy; cross the Sai R. at 5 m., by ford in dry season, by ferry, carrying 8 men, in rains.
		BHOWANIGARH . .	9	53	A small village; supplies procurable; good water, for a batin., from a well near C-G., small site for which is E. of and close to village; country and road as before; cross a nullah (strongly bridged) en route.
		HAI DARGAHH 400 x 300 yds. p-o. b.	9½	62½	A small town; supplies procurable but scarce; plentiful good water from a well on C-G., site for which is about 800 yds. N-W. of town; country fairly cultivated, with jungle here and there; road unmetalled but raised and bridged, practicable for all arms; pass Fakhra at 5 m.
		SURAJPUR . . .	11	73½	A village; supplies procurable; plentiful good water from 2 wells near C-G., which is E. of road and close to village; country fairly cultivated; road as in last stage, with a few sandy places, rather difficult for wheeled traffic in rains; cross the Gumti R. at 4, by a bridge-of-boats in the dry season, by ferry (10 large boats) in the rains, and the Rori at 10 m.
		RANSANEHIGHAT 410 x 390 yds. p-o.	9½	82	A village; supplies procurable; plentiful good water from a well near C-G., which is S. of road and close to village; country as above; road for 7 m., where it joins the Lucknow-Fyzabad road, as in last stage, but low and liable to floods in places, thence metalled and raised; cross the Naya nullah (strongly bridged) at 2 m.
		BRILSAR . . .	12½	94½	A village; supplies abundant; plentiful good water from 2 wells on C-G., which is N. of road, and near village; country as above; road as in latter part of last stage; cross the Kalliani Nadi (bridged) on starting, the Gondah-Rudaoli road at 11 m. Rudaoli r-s. is ½ m. S. of village.
		RONAHI 117,280 sq. yds. p-o.	13½	108	A village near right bank of the Gogra; supplies procurable; good water, for a batin., from a well S-W. of C-G., which is N. of road and near village; country level, open and well cultivated; road raised and metalled, practicable for all arms, runs parallel to the O. & R. Ry.
		FYZABAD . . .	10½	118½	See Route 31. Country and road as before.
		Total marches, 11 =			
		118½ m.			

Route No. 252.

FROM FATEHPUR TO PARTABGARH.

via DALMAU GHAT AND SALON.

ATTENDANCE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oath District, Lucknow.		Deputy Commissioners of Rae-Bareilly, Rae-Bareilly.			
		HUSAINGANJ . . .	9	9	A large village; supplies procurable; plentiful good water from 2 wells on C-G., which is close to village; country level, open and well cultivated; road raised, metalled and bridged, suitable for all arms; pass Chayapara at 3 and Saidanpur at 6 m.
		DALMAU . . .	9	18	A city on left bank of the Ganges; supplies abundant; good water, for a batin., from a well on C-G., small site for which is on roadside, near city; country and road as above; cross the Ganges at end of stage, by ferry (10 boats carrying 30 men each).
		JAGATPUR . . .	16	34	See Route 36(n). Country as above; road as before for first mile, where the Rae-Bareilly road is left, thence unmetalled but raised and bridged; pass Kilouli at 7½ m.
		SALON . . .	13	47	See Route 36. Country cultivated, low and swampy in places; road as above, but difficult for heavy wheeled traffic in the rains; joins the road from Rae-Bareilly at end of stage.
		RAIPUR 1,500 x 800 yds.	11½	68½	A village; supplies procurable; plentiful good water from wells on C-G., which is close to the village; country and road as in last stage; pass Karila at 6 m.
		HANDOH . . .	12½	70½	A large village; supplies on notice; plentiful good water from a well near C-G., which is N. of and close to village; country and road as above; pass Lalganj at 6 m.
		PARTABGARH (BELA).	11	81½	See Route 31. Country and road as above.
		Total marches, 7 =			
		81½ m.			

Route No. 252(a).
FROM FATEHPUR TO PARTABGARH.
 via GUTNI GHAT AND LALGANJ

AUTHORITIES		Name of stages and also of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Lucknow. Collector of Allahabad, Fatehpur.	G O C Allahabad District, Lucknow. Collector of Allahabad, Fatehpur.	THARIYAON .	12	12	See Route 256.
		KATOGHAN .	12½	24½	
		SAINI .	13	37½	
		MANIKPUR .	6½	44½	See Route 30(a)
		SANGRAMGARH . 16,000 sq yds. p-o	8½	53½	A small village, supplies on notice, plentiful good water from a well on, and (for animals) from a pond near C-G, which is close to village; country flat and cultivated; road 30 ft. wide, unmetalled but raised and bridged practicable for all arms. From Sangramgarh a road branches off to Jalesgarh (p-o) distant 6½ m.
		LALGANJ . 17,000 sq yds p-o	18	62½	
		HANDOUR .	6½	76½	A large village, supplies on notice, plentiful good water from 2 wells near C-G which is N of road and close to village. country and road as in last stage. The road from Partabgarh to Rao Bareilly runs through Lalganj.
		PARTABGARH (BEILA)	11	86½	
		Total marches, 8 =			See Route 252. For other remarks see Route 31.
		86½ m.			

Route No. 252(b).
FROM FATEHPUR TO PARTABGARH
 via GUTNI GHAT AND BIHAR

AUTHORITIES		Name of stages and also of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Lucknow. Collector of Allahabad, Fatehpur.	G O C Allahabad District, Lucknow. Collector of Allahabad, Fatehpur.	THARIYAON .	12	12	See Route 256
		KATOGHAN .	12½	24½	
		SAINI .	18	37½	
		GUTNI GHAT .	6	43½	A halting place, supplies on notice, good but limited water from a well E of road and (for animals) from the Ganges near which and on both sides of road is also for C-G, country and road as above.
		KUNDA p-o b	8	51½	
		BIHAR .	8	59½	See Route 38.
		JETHWARA 24,200 sq yds p-o	14	73½	Country level, open and well cultivated, road as before. From Bihar road branch off to Sangramgarh Jalesgarh, and Derwa.
		PARTABGARH (BEILA)	12	85½	
		Total marches, 8 =			A small village, supplies procurable, plentiful good water from 2 wells on C-G, which is W of the police sta., country and road as above.
		85½ m			

Route No. 253.
FROM FATEHPUR TO RAJBAREILLY.
 via DALMAU GHAT

AUTHORITIES		Name of stages and also of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Lucknow. Collector of Allahabad, Fatehpur.	G O C Allahabad District, Lucknow. Collector of Allahabad, Fatehpur.	HUSAINGARH .	9	9	See Route 252

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	By Command of Rae-Bareilly, Rae-Bareilly.	DALMAU . . .	9	18	See Route 352.
		KUTGARH . . .	9	27	A small village; supplies procurable; good water, for a battn., from a well on C-G., small site for which is on roadside near village; country level, open and well cultivated; road as in previous stage.
		RAE-BAREILI . . .	9	36	See Route 36.
		Total marches, 4 = 86 m.			Country and road as in last stage; pass Minnahganj and join the road from Allahabad at 8 m., and cross the Sai at end of stage.

Route No. 253(a).
FROM FATEHPUR TO RAE-BAREILI.
via BITHURA GHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Rae-Bareilly, Rae-Bareilly.	RALPUR . . .	9	9	See Route 251. For other remarks see Route 36.
		DALGANJ . . .	11	20	
		ETAURA 480 x 120 yds.	10	30	A small village; supplies procurable; plentiful good water from 8 wells on, and (for animals) from a tank 1 m. from C-G., which is close to village; country open and level; road unmetalled, but raised and bridged, flooded during the rains; cross the Sai at 2 m.
		RAE-BAREILI . . .	9	39	See Route 36.
		Total marches, 4 = 39 m.			Country as above; road as before, except that the last 4 m. are metalled.

Route No. 254.
FROM FERROZPORE TO BAHAWALPUR.
via FAZILKA AND KHAIRPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Deputy Commissioner of Ferozepore, Ferozepore.	NAWA KILLA 202,620 sq. yds.	10½	10½	A large village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is E. of road and near village; country level, open and cultivated; road metalled for the first 1½ m. only, but good; pass Khai at 4 m. From Nawa Killa road branch off W. to Mamoot (p-o.), where there is a ferry over the Sutlej, and S-E. to Faridkot, distant 4 and 22 m., respectively.
		MOHANKI . . . 90,000 sq. yds.	12½	23	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is close to village; country for the first 6 m., level, open, and cultivated, afterwards sandy and jungly; road unmetalled and heavy in places; cross a difficult nullah en route.
		BAGGEKA . . . 44,860 sq. yds.	12	35	A large village; supplies procurable; plentiful good water from wells in vicinity of C-G., which is close to village; country level, open and cultivated on E. side, grass and bush jungle on W. side; road very fair, but unmetalled; pass Amir at 7 m.
		FAZILKA . . . 58,480 sq. yds. p-o. t-w. r-s. b.	16	51	A large village about 5 m. from left bank of the Sutlej; supplies plentiful; abundant good water from wells in vicinity of C-G., which is near village; country sparsely cultivated; road as above; shortly after starting descend into old bed of the Sutlej, along which the road runs for about a mile. From Fazilka road branch off to Multan, 18½ m., Sira, 80 m., and Bikaner. The road from Ferozepore is important, as it commands 50 m. of the inner line of Sutlej, which is not more than 8 m. distant at any point.
		HASIL SARU b.	12½	63½	A village; supplies procurable; plentiful good water from a well on, and 3 others near small C-G., which is marked by pillars, about 200 yds. from the Fordwah canal; country jungly; road unmetalled, but good and suitable for all arms.
		McLEODGANJ 1,500 x 800 yds. p-o. b.	11	74½	A town; supplies plentiful; good water, for a battn., from 2 wells close to C-G., which is near town; country well cultivated; road as above.
		MINCHINABAD 1,600 x 800 yds. p-o. b.	10	84½	A town; supplies procurable; plentiful good water from a well, and (for animals) from a tank near C-G., which is marked by pillars; country and road as above.
		CHAKUKA . . . 1,400 x 850 yds.	10	94½	A village; supplies procurable; plentiful good water from 3 wells on C-G., which is marked by pillars, 180 yds. E. of village; country as above; road fair; pass Bahawalgarh at 5 m.
		JHULAN . . . 64,900 sq. yds.	10	104½	A village; supplies procurable; plentiful good water from 3 wells in vicinity of C-G., which is marked by pillars, S. of village; country partly cultivated; road unmetalled and sandy, but passable for all arms.
		SADIKPUR . . . 16,420 sq. yds. p-o.	12½	117½	A town; supplies procurable; plentiful good water from 3 wells in vicinity of C-G., which is marked by pillars, close to village; country and road as above.
Bahawalpur Territory.	Political Agent at Bahawalpur.	MARTHA JHEDU . . . 515 x 240 yds. b.	18½	131½	A small town; supplies procurable; plentiful good water from 4 wells in vicinity of C-G., which is marked by pillars, S-W. of town; country and road as above; pass Nukim Shah at 5 m.

ADMINISTRATIVE		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Bahawalpur Territory	Political Agent at Bahawalpur	SHAHR FARID 480 x 890 yds p-o	0	140½	A town; supplies procurable; plentiful good water from 8 wells, and (for cattle) from a canal close to C-G, which is N-W of and near town, country open and cultivated; road as before
		HASILPUR 300 x 180 yds p-o	18	158½	A town supplies procurable; plentiful good water from wells in vicinity of C-G, which is ½ m W of town; country and road as above
		KALIMPUR 540 x 390 yds p-o. b.	8	161½	A village with old fort supplies procurable; plentiful good water from 4 wells and (for animals) from small canals near C-G, which is ½ m N of village; country and road as before
		KHAIRPUR 170 x 140 yds. p-o. b.	12½	174	A large town; supplies procurable; plentiful good water from 4 wells near of C-G, which is about 1 m from town, country and road as above
		BRIDGE No 1 b	17	191	Ample site for C-G; supplies procurable; plentiful good water from wells everywhere open and cultivated; road as before, pass to the Nur Mahomed at 18½ m.
		BAHAWALPUR	20½	211½	See Route 193
		Total marches, 17 = 211½ m.			Country well cultivated; road narrow and little used, till the last 4 m, when widens and is bordered with trees
		or from KHAIRPUR to GOTH NUR MUHAMMAD	12½	180½	A small village, supplies abundant; plentiful good water from many wells in vicinity of village, any area of C-G available on due notice; country open, cultivated, road unmetalled, but good
		GOTH DERA BAKHA (BAKHI DERA)	11½	199	A small village; supplies procurable; plentiful good water from numerous wells in vicinity of village; C-G available on notice, country and road as above, water-cuts bridged.
		BAHAWALPUR	12½	211½	See description above

Route No. 255.

FROM FEROEZPORE TO BIKANER as far as USMAN KHERA (for remainder, see Bombay Route Book No 199).

via FAZILKA

ADMINISTRATIVE		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C. Lakera District, Meera Meer	Deputy Commissioner of Ferozepore, Ferozepore.	NAWA KILLA	10½	10½	See Route 254
		MOHANKI	12½	23	
		HAGGEKA	12	35	
		FAZILKA	16	51	
		JANDWALA	14	65	A village supplies plentiful; good water from a well close to village, in vicinity of which is ample site for C-G; country open, road unmetalled
		USMAN KHERA b	14	79	A village and police stn., supplies plentiful; good water from a well near village in vicinity of which is ample site for C-G; country and road as above
		Total marches, 6 = 79 m			

Route No. 256.

FROM FEROEZPORE TO HISSAR.

via BHADNAUR, SUNAM, AND KIRWALA.

ADMINISTRATIVE		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C. Lakera District Meera Meer	Deputy Commissioner of Ferozepore, Ferozepore	From the Church to MISRIWALA	10	10	A small village supplies must be collected; plentiful good water from wells close to C-G, site for which is near village, country rather barren; road unmetalled, but fairly good, pass Malwal at 5 m
		MOODKEE 192,980 sq yds. p-o	9½	19½	
		BAGHIAPARANA 19,360 sq yds p-o	14	33½	A small town with a sarai; supplies on notice; plentiful good water from wells close to C-G which is near town; country and road as in last stage, pass Baran at 3½ and Lohana at 8½ m
		NHALESINGHWALA p-o b	13	46½	A large village with a sarai; supplies on notice; plentiful good water from 2 wells in village and police stn. near which is site for C-G, country and road as above; pass Longana at 9 and Alawal at 13 m
					A small village supplies procurable; good but limited water from a well on site of C-G, which is near village; country level, open and partially cultivated; road as above; pass Netholi at 8; Manuki at 7, and Khoti at 9½ m

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Sirhind District, Umballa.	Chief Secretary to Punjab Government.	BHADHAUR p-o.	8½	54½	A town in Patiala state; supplies on notice, and grazing for camels; plentiful good water from 4 wells close by town, round which is site for C-G.; country and road as above; pass Saidoki at 6 m.; an irrigation channel of the Sirhind canal (bridged) passes close to camp.	
		UGAIKI	8½	63	A village in Patiala state; supplies and fodder on notice; plentiful good water from wells near village, in addition to water from canal; site for C-G. in fields near village; country level and open, without much cultivation; road as before; pass Nainiwalla at 4 and Burj at 6 m. Tapa r-s. is 6 m. distant.	
		HADIYA	7	70	A village in Patiala state; supplies and fodder on notice, and grazing for camels close by; plentiful good water from wells near village, close to which is site for C-G.; country sandy, with partial cultivation; road as above; cross a small stream (bridged) en route; pass Khaddi Kotan at 5 m. Barnala r-s. is 3 m. distant.	
		LANGAWAL	13½	83½	A village in Patiala state; supplies and fodder procurable on notice; grazing for camels close by; plentiful good water from wells in village, near which and in fields is site for C-G.; country as above; road, an unmetalled, kutcha village track, from 12 to 20 ft. broad; pass Dhanaula (p-o.) at 5, and Bhura Khanna at 10 m.	
		SUNAM p-o.	8½	91½	A small town in Patiala state; supplies and fodder procurable on notice, and grazing for camels close by; plentiful good water from 6 wells near village, in fields close to which is site for C-G.; country and road as above, but latter only 9 to 12 ft. wide; at end of stage cross the Choya stream, fordable except during the rains, when sufficient water collects in it to obstruct the passage of troops, lying as it does round the town; no boats are available.	
		JALLORE	15	106½	A village in Patiala state; supplies and fodder procurable on notice, and grazing for camels close by; plentiful good water, from wells near village, close to which is site for C-G.; country fairly cultivated; road as above; pass Chahar at 9 and Kanbheri at 12 m.	
		MANWI	9½	116½	A small village in Patiala state, near left bank of the Ghaggar R.; supplies and fodder on notice, and grazing for camels close by; plentiful good water from 6 wells near village and from the river during the rains; site for C-G. in fields in vicinity of village; country flat and jungly, subject to inundation near the Ghaggar; there is no proper road, but a route about 27 ft. broad can be cleared and prepared; pass Dodyan at 4, Bisim at 7 m., and cross the Ghaggar at end of stage, by ford in dry season, by ferry, carrying 10 men, in rains, when the river reaches a breadth of 4 m.	
		DHAMLAN	7½	123½	A small village in Patiala state; supplies and fodder on notice, and grazing for camels close by; plentiful good water from 10 wells near village, in vicinity of which is site for C-G.; country as above; road a kutcha country track, 15 ft. to 25 ft. broad; pass Bhullan at 3½ m.	
		DANAUDA	12½	136½	A small village in Patiala state; supplies and fodder on notice; well water unfit for use, but plentiful good water from the Namkar tank near village, in vicinity of which is site for C-G.; country level and jungly, with little cultivation; road as above; pass Nehra, about 7 m. E. of which is Narwana (p-o.), at 6 m.	
		BARWALA 15,970 sq. yds. p-o.	14	150½	A village; supplies procurable; plentiful good water from a well and tank on C-G., which is 450 yds. N. of village; country level and fairly cultivated; road 20 ft. wide, unmetalled, sandy and heavy in places, but passable for all arms; pass Madama at 8 and Sarara at 11 m.	
		HISSAR	17½	168	See Route 191.	
		Total marches, 15 =				Country as above; road as before, except the last 4 m., which are metalled; pass Sarand at 5½ and Tahandi at 13 m.
		163 m.				

Route No. 256(a).
FROM FEROZPORE TO HISSAR.
via BHADHAUR, SUNAM, JHIND, AND HANSI.

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Mian Meer.	Dy. Commr. of Ferozepore.	MISRIWALA .	10	10	See Route 256.
		MOODKEE .	9½	19½	
		BAGHAPARANA .	14	33½	
		NIHALSINGHWALA	13	46½	
		BHADHAUR .	8½	55½	
		UGAIKI .	8½	63	
		HADIYA .	7	70	
		LANGAWAL .	13½	83½	
		SUNAM .	8½	91½	
		JALLORE .	15	106½	
		MANWI .	9½	116½	
		DHAMLAN .	7½	123½	

AUTHORITIES		Names of places and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Strided District Unahla.	Chief Secretary to Punjab Government Duty Commisner of Punjab Duty Commisner of Punjab Duty Commisner of Punjab Duty Commisner of Punjab Duty Commisner of Punjab Duty Commisner of Punjab	WARWANA p-o. r-s	9½	189½	A village in Patiala state supplies on notice plentiful good water from wells in vicinity of C-G site for which is in fields near village; country fairly cultivated road as in previous stage pass Leon at 8 and Dhamudi at 6 m.
		HARAODA 250,000 sq yds.	13	140½	A town; supplies and fodder on notice; plentiful good water from wells and the canal near C-G which is close to the Kahanvala gate of the town country as before; road unmetalled but bridged and good pass Kheri Safa at 7½ m
		JHIND 680 x 160 yds p-o r-s	11	157½	A large town on left bank of the Western Jutana canal supplies abundant plentiful good water from wells and the canal near C-G which is 8 of and close to town; country and road as before cross the canal at end of stage.
		NARNAUD 101,800 sq yds. p-o b	18	170½	A small town supplies on notice; plentiful good water from a well and tank near C-G, site for which is close to town country flat, open and partially cultivated; road 20 ft wide, unmetalled but bridged and passable for all arms; cross the canal on starting pass Dada Tarsi at 3½ cross the canal again at 5 and 9 and pass Rajthal at 9½ m
		HANSEI	14½	184½	Country and road as above pass Rajpura at 5 m and cross the Western Jutana canal near end of stage See Route 191
		HISSAR	14½	199½	
		Total marches 18 = 199½ m			

Route No. 257.
FROM FEROPPORE TO MONTGOMERY
via ATARI SHERGARH AND SATGHARA

AUTHORITIES		Names of stores and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Meen Meer	Deputy Commisner of Lahore Deputy Commisner of Montgomery Deputy Commisner of Montgomery Deputy Commisner of Montgomery Deputy Commisner of Montgomery Deputy Commisner of Montgomery Deputy Commisner of Montgomery Deputy Commisner of Montgomery Deputy Commisner of Montgomery Deputy Commisner of Montgomery	GANDA SINGH-WALA DOBURJI 40,000 sq yds p-o	10½	10½	See Route 47
		MOKUL p-o	18½	29½	A village near right bank of the Satla; supplies on notice plentiful good water from numerous wells in vicinity of C-G site for which is close to village; country well cultivated; road 40 ft wide unmetalled after the first 6½ m and impracticable for wheeled traffic, having been washed away by inundation from the river pass Thuti Farid at 10 m
		ATARI p-o	16	45½	A moderate-sized village supplies on notice plentiful good water from several wells near C-G site for which is close to village country as before; road as above, it has been washed away for the first 5 m and is all subject to inundation; cross the Kanwal canal (or good) at 8½ m.
		HUJRA p-o	16	61½	A large village supplies on notice plentiful good water from wells in vicinity of C-G site for which is near village; country level; road unmetalled but good
		SHERGARH p-o b	8	77½	A small town supplies on notice; plentiful good water from wells close by C-G, site for which is in vicinity of village; country as before; road 20 ft. wide, unmetalled but passable for all arms.
		SATGHARA p-o	14½	91½	A large village supplies on notice plentiful good water from wells in vicinity of village near which is site for C-G, country and road as before pass Hanewala at 5 m
		AKBAR 220 x 190 yds b.	18	104½	A small town; supplies on notice; plentiful good water from wells near C-G; confined site for which is close to area country covered with jungle road as before, pass Kakua at 7½ m and cross the ry immediately afterwards.
		KAURA SHAH 400 x 800 yds.	10	114½	A small village supplies on notice; plentiful good water from a well near C-G which is ½ m S of village; country and road as before, but latter heavy in places; cross the Sindhra a broad dry nullah about half way and join the road from Meen Meer towards end of stage.
		MONTGOMERY 800 x 250 yds. p-o. t. a. r-s b	10	124½	A small village supplies on notice; good but limited water from a well near police post, close to which and E of village is C-G, country and road as before; nullahs fordable
		Total marches 10 = 124½ m			A small town and civil sta on the N-W Ry supplies on notice, plentiful good water from wells in vicinity of C-G, which is S. of same, country and road as before

Route No 258.
FROM FEROPPORE TO MOOLTAN
via CHUNIAN SATGHARA. AND HARAPPA

AUTHORITIES		Names of stores and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Meen Meer	By Commisner of Lahore	GANDA SINGH WALA	10½	10½	NOTE—This Route is preferable for the following reasons— (1) It is the most direct (2) Marches are better spaced and (3) C-Gs are fixed and demarcated See Route 47

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Lahore, Lahore.	TARAGARH .	10	20½	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., confined site for which is near village; country level, open and well cultivated, road unmetalled, but good and passable for all arms, follows the bank of the Sutlej for about 1½ m. after starting.
		RAJOWAL . 40,800 sq. yds.	10½	31	A village; supplies on notice; plentiful good water from a well near C-G., which is close to village; country sandy; road as above.
		CHUNIAN . 173,480 sq. yds. p-o.	18½	44½	A town; supplies abundant; plentiful good, but slightly brackish, water from a well on, and (for animals) from a tank S.E. of C-G., which is ½ m. N-W. of town; country and road as in last stage; cross the old bed of the Beas at end of stage.
		WANRADHARAM . 121,440 sq. yds. p-o. r-s.	14½	59	A village; supplies on notice; good but slightly brackish water from a well in r-s., near which is C-G., country covered with light jungle, and rich grass in rains; road as above; cross a canal at 0 m.
		SATGHARA .	15	74	Country jungle; road as above.
		AKBAR .	18	87	} See Route 257.
		KAURA SHAH .	10	97	
	Dy. Commr. of Montgomery, Montgomery.	MUHAMMADPUR . 800 x 400 yds.	9	100	A village; supplies on notice; plentiful good water from a well on C-G., which is 2 m. S. of village; country and road as above.
		HARAPPA . 600 x 300 yds. p-o. r-s. b.	11	117	A town; supplies on notice; plentiful good water from 3 wells, one near sarai, the other on C-G., which is S. of road and opposite town; country and road as above.
	Deputy Commissioner of Mooltan, Mooltan.	CHICHAWATNI . 400 x 350 yds. p-o. r-s. b.	18	130	A small village on the Ravi; supplies on notice; plentiful good water from a well near police sta., S. of and close to which is C-G.; country and road as above; the bridge-of-boats on the Ravi is 1 m. distant.
		DOBURI . 400 x 400 yds.	18	148	A small village; supplies on notice; good water from a well on C-G., which is S. of road and close to village; no other water near; country and road as above.
		TALANBA . 178,600 sq. yds. p-o. h.	16½	165½	A small town; supplies and good water plentiful; C-G. N. of road and close to town; country near the Ravi well cultivated; road as above.
		MAKHUMPUR . 253,600 sq. yds. h.	12½	170½	A village; supplies on notice; plentiful good water from wells near C-G., which is S. of road and close to village; country and road as above.
		KABIRWALA . 151,700 sq. yds. p-o. h.	12	182½	A village; forage and supplies on notice; plentiful good water from wells near C-G., which is S. of road and close to village; country and road as above. Khanewal r-s. is 7 m. distant.
		KADARPUR RAO . 143,600 sq. yds.	14	196½	A small village; forage and supplies on notice; plentiful good water from wells close by C-G., which is N. of road and near village; country and road as above. Tatipur r-s. is 4 m. distant.
		ANKHAS . 120,190 sq. yds. h.	12	208½	A village with sarai for Europeans; supplies on notice; abundant good water close by C-G., which is S. of road and near village; country and road as above; canals are bridged.
		MOOLTAN . 120,000 sq. yds. p-o. t-s. r-s. b.	4	212½	A large cantonment and civil sta., situated 4 m. E. of the Chenab R.; supplies and good water abundant, latter in vicinity; C-G. in rear of artillery barracks bank of the Sidhu Hussain Out; country and road as above. For a road from Mooltan to Nasirabad, see Bombay Route Book No. 249.
		Total marches, 18 =		212½ m.	

Route No. 258(a).
FROM FERROZEPOR TO MOOLTAN.
via FAZILKA, PAKPATTAN, AND HARAPPA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Ferozepore, Ferozepore.	NAWA KILLA .	10½	10½	} See Route 254.
		MOHANKI .	12½	23	
		BAGGEKA .	13	36	
		FAZILKA .	16	51	
		AMIRA TIJAKA .	10	61	
	Deputy Commissioner of Montgomery, Montgomery.	HAVELI . p-o.	14	75	A large village about 2 m. N. of road; supplies on notice; plentiful good water from wells close to village; site for C-G. where the Haveli and Shekhpura roads cross; country partly cultivated; road as before.
		FARIDKOT .	10	85	A small village; supplies on notice; good water from a roadside well, close to which is site for C-G., and also from other wells in vicinity; country and road as before.
		PAKPATTAN . p-o. t-s. b.	12	97	A town on an elevation; supplies on notice; good water from a well near police sta.; site for C-G. between hospital and tahsil; country and road as before.
		SHAFFI .	11	108	A small village; supplies on notice; good water from wells near village, close to which is site for C-G.; country and road as before; leaving the police sta. on starting, the road runs N. to the town, then strikes off almost due W.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Sirdar District, Umballa	Chief Secretary to Punjab Government. Deputy Commissioner of Hissar, Hissar	NARWANA p-o r-s	8½	138½	A village in Patiala state, supplies on notice, plentiful good water from wells in vicinity of C-G, site for which is in fields near village, country fairly cultivated, road as in previous stage; pass Leon at 8 and Dharaudi at 6 m.
		BARAODA 250,000 sq yds p-o r-s	18	146½	A town; supplies and fodder on notice, plentiful good water from wells and the canal near C-G, which is close to the Kahmarna gate of the town; country as before, road unmetalled but bridged and good, pass Khari Safa at 7½ m.
		JHIND 660 x 100 yds. p-o r-s	11	157½	A large town on left bank of the Western Jumna canal, supplies abundant, plentiful good water from wells and the canal near C-G, which is S of and close to town; country and road as before, cross the canal at end of stage
		NARNAUD 101 800 sq yds. p-o b	18	170½	A small town, supplies on notice, plentiful good water from a well and tank near C-G, site for which is close to town; country flat, open and partially cultivated, road 20 ft wide, unmetalled but bridged and passable for all arms; cross the canal on starting, pass Daud Thir at 8½, cross the canal again at 6 and 9, and pass Rajthal at 9½ m.
		HANSI . . .	14½	184½	Country and road as above, pass Rajpura at 5 m. and cross the Western Jumna canal near end of stage See Route 101
		HISSAR . . .	14½	199½	
		Total marches, 18 = 159½ m			

Route No. 257.
FROM FEROZEPUR TO MONTGOMERY.
via ATARI, SHERGARH, AND SATGHARA

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Lahore District, Meen Meer.	Deputy Commissioner of Lahore, Lahore. Deputy Commissioner of Montgomery, Montgomery	GANDA SINGH-WALA DOBURJI 40 000 sq yds p-o	10½	10½	See Route 47
		NOKUL . . .	18½	29½	A village near right bank of the Sutlej, supplies on notice, plentiful good water from numerous wells in vicinity of C-G, site for which is close to village; country well cultivated; road, 40 ft wide, unmetalled after the first 6½ m and impracticable for wheeled traffic, having been washed away by inundation from the river, pass Thoti Farid at 10 m
		ATARI . . .	16	68½	A moderate-sized village, supplies on notice, plentiful good water from several wells near C-G, site for which is close to village, country as before, road as above, it has been washed away for the first 5 m and is all subject to inundation; cross the Kanwah canal (bridged) at 8½ m.
		HUJRA . . .	10	69½	A large village, supplies on notice, plentiful good water from wells in vicinity of C-G, site for which is near village; country level, road unmetalled, but good
		SHERGARH . . .	8	77½	A small town, supplies on notice; plentiful good water from wells close by C-G, site for which is in vicinity of village, country as before; road 20 ft wide, unmetalled, but passable for all arms
		SATGHARA . . .	14½	91½	A large village, supplies on notice, plentiful good water from wells in vicinity of village, near which is site for C-G, country and road as before, pass Hanswala at 5 m.
		AKBAR . . .	18	104½	A small town, supplies on notice, plentiful good water from a well near C-G, confined site for which is close to canal, country covered with jungle, road as before, pass Kakana at 7½ m, and cross the ry immediately afterwards
		KAURA SHAH 400 x 800 yds.	10	114½	A small village, supplies on notice, plentiful good water from a well near C-G, which is ½ m S of village; country and road as before, but latter heavy in places, cross the Sukhawa, a broad dry nullah about half-way and join the road from Moen Meer towards end of stage
		MONTGOMERY 800 x 260 yds. p-o r-s b	10	124½	A small village, supplies on notice; good but limited water from a well near police post, close to which and E of road is C-G, country and road as before; nullahs fordable
		Total marches, 10 = 124½ m			A small town and civil stn on the N-W Ry, supplies on notice, plentiful good water from wells in vicinity of C-G, which is S. of same, country and road as before

Route No. 258.
FROM FEROZEPUR TO MOOLTAN.
via CHUNIAN, SATGHARA AND HARAPPA

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C. Lahore Dist., Meen Meer	By Command of Lahore, Lahore	GANDA SINGH-WALA	10½	10½	NOTE—This Route is preferable for the following reasons:— (i) It is the most direct. (ii) Marches are better apportioned (iii) C-Gs are fixed and demarcated See Route 47.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Lahore, Lahore.	TARAGARH . . .	10	20½	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., confined site for which is near village; country level, open and well cultivated, road unmetalled, but good and passable for all arms, follows the bank of the Sutlej for about 1½ m. after starting.
		BAJOWAL . . . 40,800 sq. yds.	10½	31	A village; supplies on notice; plentiful good water from a well near C-G., which is close to village; country sandy; road as above.
		CHUNIAN . . . 178,460 sq. yds. p-o.	13½	44½	A town; supplies abundant; plentiful good, but slightly brackish, water from a well on, and (for animals) from a tank S-E. of C-G., which is ½ m. N-W. of town; country and road as in last stage; cross the old bed of the Beas at end of stage.
		WANRADHARAM . . . 121,440 sq. yds. p-o. r-s.	14½	59	A village; supplies on notice; good but slightly brackish water from a well in r-s, near which is C-G.; country covered with light jungle, and rich grass in rains; road as above; cross a canal at 9 m.
		SATGHARA . . .	15	74	Country jungle; road as above. See Route 257.
		AKBAR . . .	13	87	
	Dy. Commr. of Montgomery, Montgomery.	KAURA SHAH . . .	10	97	
		MUHAMMADPUR . . . 600 x 400 yds.	9	106	A village; supplies on notice; plentiful good water from a well on C-G., which is 2 m. S. of village; country and road as above.
		HARAPPA . . . 600 x 300 yds. p-o. r-s. b.	11	117	A town; supplies on notice; plentiful good water from 2 wells, one near shrai, the other on C-G., which is S. of road and opposite town; country and road as above.
		CHIOHAWATNI . . . 400 x 330 yds. p-o. r-s. b.	18	135	A small village on the Ravi; supplies on notice; plentiful good water from a well near police stn., S. of and close to which is C-G.; country and road as above; the bridge-of-boats on the Ravi is 1 m. distant.
		DOBURJI . . . 400 x 400 yds.	13	148	A small village; supplies on notice; good water from a well on C-G., which is S. of road and close to village; no other water near; country and road as above.
		TALANBA . . . 178,600 sq. yds. p-o. b.	16½	164½	A small town; supplies and good water plentiful; C-G. N. of road and close to town; country near the Ravi well cultivated; road as above.
	Deputy Commissioner of Mooltan, Mooltan.	MAKHDAUMPUR . . . 288,600 sq. yds. b.	12½	177½	A village; supplies on notice; plentiful good water from wells near C-G., which is S. of road and close to village; country and road as above.
		KABIRWALA . . . 161,700 sq. yds. p-o. b.	12	189½	A village; forage and supplies on notice; plentiful good water from wells near C-G., which is S. of road and close to village; country and road as above. Khanswal r-s. is 7 m. distant.
		KADARPUR BAO . . . 148,600 sq. yds.	14	196½	A small village; forage and supplies on notice; plentiful good water from wells close by C-G., which is N. of road and near village; country and road as above. Tatipur r-s. is 4 m. distant.
		AMKHAS . . . 148,190 sq. yds. b.	12	208½	A village with sarai for Europeans; supplies on notice; abundant good water close by C-G., which is S. of road and near village; country and road as above; canals are bridged.
		MOOLTAN . . . 120,000 sq. yds. p-o. t-s. r-s. b.	4	212½	A large cantonment and civil stn., situated 4 m. E. of the Chenab R.; supplies and good water abundant, latter in vicinity; C-G. in rear of artillery barracks bank of the Sidhu Hussain Out; country and road as above. For a road from Mooltan to Nasirabad, see Bombay Route Book No. 249.
		Total marches, 18 =			
		212½ m.			

Route No. 258(a).
FROM FERROZPORE TO MOOLTAN.
via FAZILKA, PAKPATTAN, AND HARAPPA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Ferozepore, Ferozepore.	NAWA KILLA . . .	10½	10½	See Route 254.
		MOHANKI . . .	12½	23	
		BAGGEKA . . .	12	35	
		FAZILKA . . .	16	51	
	Deputy Commissioner of Montgomery, Montgomery.	AMIRA TIJAKA . . .	10	61	A large village; supplies on notice; plentiful good water from wells in the vicinity; site for C-G. near where the customs and Lahore-Mooltan roads cross; country cultivated; road unmetalled, but fairly good; cross the Sutlej about half-way at Masujin ferry, one boat carrying 80 men; the position of the ferry sometimes changes, but a track for troops can be cleared to it on notice.
		HAVELI . . . p-o.	14	75	A large village about 2 m. N. of road; supplies on notice; plentiful good water from wells close to village; site for C-G. where the Haveli and Shakhupura roads cross; country partly cultivated; road as before.
		FARIDKOT . . .	10	85	A small village; supplies on notice; good water from a roadside well, close to which is site for C-G., and also from other wells in vicinity; country and road as before.
		PAKPATTAN . . . p-o. t-s. b.	12	97	A town on an elevation; supplies on notice; good water from a well near police stn.; site for C-G. between hospital and tahsil; country and road as before.
		SHAFFI . . .	11	108	A small village; supplies on notice; good water from wells near village, close to which is site for C-G.; country and road as before; leaving the police stn. on starting, the road runs N. to the town, then strikes off almost due W.

ACTIVITIES		Names of stages and size of accompanying grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total	
G O C Lahore District, Meen Meer	By Commr of Montgomery, Montgomery, Mooltan, Mooltan	KABIR b	11	119	A small village, supplies on notice good water from 2 wells near village; site for C-G close to police stn, country barren and jungle; road as before, except on the banks of the old Beas where it is bad. Country as above road unmetalled, but good, runs N-W, through jungle, and crosses the N-W Ry 4 m from Harappa. See Route 258
		HARAPPA	16	137	
		CHICHAWATNI	13	160	
		DOBURJI	13	183	
		TALAMBA	16½	178½	
		MAKHEDUNPUR	12½	190½	
		KABIRWALA	12	202½	
		KADARPUR RAO	14	216½	
		ANKHAS	12	228½	
		MOOLTAN	4	232½	
		Total marches, 19 =			
		232½ m			

Route No. 258(b)
FROM FERROZEPOR TO MOOLTAN.
and FAZILKA, PAKPATTAN, AND JAMLAIRA

ACTUOSITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total	
G O C Lahore District, Meen Meer	By Commr of Montgomery, Montgomery	NAWA KILLA	10½	10½	See Route 254
		MOHANKI	12½	23	
		BAGGEKA	12	36	
		FAZILKA	16	51	
		AMIRA TIJAKA	10	61	See Route 258(a)
		HAVELI	14	75	
		FARIDEKOT	10	85	
		PAKPATTAN	12	97	
		MARINAZARA	18	115	
		JANLAIRA	18	133	
	By Commr of Mooltan, Mooltan	GAHNKA	9	142	A small village supplies on notice, but forage scarce; good water from a well about 50 yds. from small C-G which is E of road and near village, country and road as above; cross the Ghulamwah nullah (bridged) at 5 m
		LUDDAN 23,410 sq yds. p. a. b.	14	156	A village; supplies procurable; abundant good water from wells near C-G, which is W of road and close to village; country and road as above.
		ZORKOT (near Kai rumpur) 12,100 sq yds. b	14	170	A village; supplies and forage plentiful abundant good water from wells near C-G, which is S. of road and close to village, country well cultivated; road as above cross a nullah (bridged) about half way
		MITRU 17,445 sq yds. p. a. b.	16	186	A village; supplies procurable, plentiful good water from wells near C-G which is S. of road and close to village, country partly jungle and partly cultivation, road as above
		TIRBA 13,360 sq yds.	11½	197½	A village, supplies procurable good water from Banplewala well about 70 yds. from C-G, site for which is N of road and near village, country more cultivated, road as above
		MAKHEDUNPUR 17,445 sq yds. p. a. b.	14	211½	A small village, supplies procurable, abundant good water from wells in vicinity of C-G which is S of road and near village, country and road as above latter bridged.
		MOOLTAN	16	227½	See Route 258. Country and road as in last stage
Total marches, 17 =					
227½ m					

FROM FERROZPORE TO MOOLTAN.

SI ATAGI AND PAKPATTAN.

Description		Quantity		Remarks
No.	Description	Pcs.	Lbs.	
1	GANDA SINGH WALA	10	10	See B-1 p. 47.
2	LOMBI	10	10	
3	MORU	10	10	See B-1 p. 47.
4	ATARI	10	10	
5	APURA TIRAKA	10	10	C. very partially estimated - total uncontrolled, but fair
6	HANPLI	10	10	(See B-1 p. 47)
7	FARIMOT	10	10	
8	TORVATAN	10	10	
9	MACHIPATA	10	10	
10	JALISIYA	10	10	
11	SUMBA	10	10	
12	LIJEN	10	10	
13	SAMPA	10	10	
14	KILIT	10	10	
15	TIJA	10	10	
16	BONNOM	10	10	
17	MAJEN	10	10	

Route No. 259.

FROM PEROZIFORT, TO KALWIND RAILWAY STATION.

* 1 3 4 5 6

Well No.	Location	Depth	Remarks
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Route No. 260.

FROM FERIZETOPRE TO ROHTAK.

[illegible][illegible]

AUTHORITIES.		Names of stages and also of connecting grounds	DISTANCE.		REMARKS.	
Military	Civil		Miles	Total		
G O C Meerut District, Meerut	Dy. Commr of Rohilak, Rohitak.	Chief Secretary to Punjab Government.	BHADHAUR	8½	64½	See Route 256.
			UGAIKI	8½	08	
			HADIYA	7	70	
			LANGAWAL	13½	83½	
			SUNAM	8½	91½	
			JALLORE	15	106½	
			MANWI	9½	116½	
			DHANLAN	7½	123½	
			NARWANA	0½	123½	
			HARAODA	18	146½	
			JHIND	11	157½	
			JULANA 330 x 200 yds. p-o	41½	171½		A village in Jhind state, supplies procurable, plentiful good water from two ponds and a well near O G, which is close to village; country level, open and fairly cultivated, road 40 ft. wide, unmetalled but good.
CHIRI	11	182½	A village; supplies on notice, plentiful good water from wells near village, W of and close to which is small site for O G, country and road as above, but latter only 25 ft. wide, pass Kandiana at ½ m, and leave Jhind territory soon afterwards.			
ROHTAK	11½	194½		See Route 181.		
Total marches, 18 = 194½ m					Country and road as above; cross the Rohtak Branch canal (bridged) towards end of stage.	

Route No. 261.
FROM FEROPOR TO SIRSA
via NUKTSAR AND MALAUT

AUTHORITIES.		Names of stages and sites of connecting grounds	DISTANCE.		REMARKS.
Military	CIVIL		Miles	Total	
G O C Lahore District, Meera Meer	Deputy Commissioner of Ferozepore, Ferozepore	DODI	10	10	A small village, supplies must be collected; indifferent water from a well close to village, near which a suitable site for O-G can be arranged for; country level, open and sandy, with partial cultivation, road unmetalled but good and suitable for all arms, pass Jhal Baba at ½ m.
		SARWALI	0½	10½	A small village, supplies on notice, good but limited water from a well close to village, near which a site for O-G can be arranged for; country and road as above, but latter heavy in places.
		MUKTSAR 38 230 sq yds; p-o. tr. r-o.	11	30½	A small town, supplies procurable plentiful good water from a well in the sarai, O-G B of and close to town, country and road as before, pass Burn Gujar at 7 m.
		MALAUT 158,270 sq yds p-o. b	18	48½	A large village, supplies procurable, plentiful good water from wells and canal close to O-G, which is near village, country and road as before; pass Rupana at 4½, Moharajwala at 8½, and Karnawala at 11½ m., at 6 m. pass Akhor Branch canal.
		LAMBI 420 x 400 yds.	18	61½	A small village, supplies must be collected, good water from one well and a canal near O-G, which is S. of village; country and road as in last stage; pass Nathmal at 5 and Channu at 11 m.
		DURWALI 166,230 sq yds. p-o. b	11	72½	A small town, supplies procurable, plentiful good water from 2 wells 100 yds. E of, and a tank on, O-G, which is S of and close to town, country and road as before, pass Kilmawal at 7 m.
		PIPLI 85,800 sq yds. b.	11	83½	A village, supplies on notice; plentiful good water from a well and tank close to O-G, which is 200 yds W of village, country and road as above, cross the Nyrwal nullah (strongly bridged) at 5½ m.
		ODHA 135,380 sq yds. b	7	90½	A small village; supplies must be collected; good water, for a battn from one well 200 yds E of O-G, which is 250 yds W of village, country and road as above, pass Jatalana at 4 m. There is a direct road from Dulwail to Odha, distance 15 m., width 100 ft. unmetalled but passable for all arms.
		SARUWALA 99,420 sq yds. p-o. b	8	98½	A village; supplies on notice, plentiful good water from a well 500 yds E of, and a tank on O-G, which is 100 yds W of village, country and road as above.
		SIRSA 169,410 sq yds. p-o. tr. r-o. b.	10	108½	A small civil stn., supplies plentiful; abundant good water from a well on, and a tank near O-G, which is about 1 m. E. of town; country and road as above, cross the Ghaggar stream at 6 m., by ford except after heavy rain when there is a ferry of one small boat carrying 30 men; there is a ry bridge, about a mile from the road, across the stream, but it is not suitable for wheeled traffic.
G O C Sahib District, Umballa.		Total marches, 10 = 108½ m			

Route No. 261(a).
FROM FEROZEPUR TO SIRSA.
 via FARIDKOT AND BATHINDA.

107

ACCOMMODATION.		Name of stage and dist. of connecting points.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore Bh. Secy. G. O. C. Subd. Divn., Umla.	In-p. Commis- sioner of Feroz- pur, Ferozepore.	From the Church to GOLEHWALA 160 x 160 yds. p. 1-4 r. 1.	10½	10½	A village; supplies on notice; good water, for a bath, from a well close to C.G., latter N. of village; country open, sandy and partially cultivated; road good, metalled and raised, suitable for all arms, but difficult for carts after rain.
		FARIDKOT 750 x 550 yds. p. 1-4 r. 1.	8½	19	A large town with a fort; supplies on notice; abundant good water from wells near C.G., latter N. of town; country and road as in last stage; pass Rajhawa at 1½ and 1½ at 4 m.
		KOT KAPURA p. 1-4 r. 1.	8	27	A small town with a fort, in Nabha territory; supplies plentiful; abundant good water from wells in town and tanks near C.G., extensive site for latter N. of town; country and road as before; pass Sindia at 4½ m.
		JARTH 25,770 sq. yds. p. 1-4 r. 1.	11	38	A small town in Nabha territory; supplies plentiful; abundant good water from 3 tanks and 8 wells; ample space for C.G. in adjacent fields; country and road as before; pass Remans at 5 m.
	Chief Secretary to Punjab Government.	BATHINDA p. 1-4 r. 1.	17	55	A small town in Patiala territory; supplies on notice; abundant good water from wells near C.G., for which there is ample space in adjacent fields; country as in last stage; road unmetalled and heavy in parts; pass Chandbhan at 4 and Nawala at 10 m.
		KOT BAKHTU	12½	67½	A small village in Patiala territory; supplies on notice; good water from wells and the Sukhri canal; no regular C.G., but ample space available in adjacent fields; country and road as in last stage; cross the Kolla branch of the Sirhind canal by a temporary bridge at end of march.
		PIPLI	11	78½	Country and road as above. See Route 251.
		ODHA	7	85½	
		SAHUWALA	8	93½	
		SIRSA	10	103½	
	Chief Commis- sioner of Hissar, Hissar.	Total marches 10 = 103½ m.			

Route No. 262.
FROM FORT WILLIAM TO BANEKURA.
 via BUDHWAN, SONAMUKHI AND BAHATOR.

ACCOMMODATION.		Name of stage and dist. of connecting points.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bane- kura, Bane- kura.	KOTRUNG	9½	9½	See Route 251.
		GAURNIATI	10½	20	
		HOOGHLY	8½	28½	
		INGREI (TARAGANI)	9	37½	
	Collector of Budh- wan, Budh- wan.	GOARA	11½	49½	A village; supplies on notice; good water, for a bath, from tanks in vicinity of C.G., which is close to village; country flat and well cultivated; road unmetalled except for the first 2½ m., but suitable for all arms; cross the Panka R. and Koon canal, both bridged, soon after starting, and the Damoda (fordable in the dry season, ferry in the rains) at 2½ m.; there is a large extent of heavy sand on the right bank of this latter river.
		DULLA PAZAR	14	63½	
		BUDHWAN	12½	76½	
		KHANDAAGHOSH 40,000 sq. yds.	9½	86½	
	Collector of Bane- kura, Bane- kura.	KISHENAGAR	9½	96½	A small village; no supplies; abundant good water from tanks in vicinity of C.G., extensive site for which is in C.G. near village; country as above; road 11 ft. wide, unmetalled, but bridged and fit for all arms. Country and road as in last stage; pass Barnboudhi at 2, Dalpur at 4, and Jannata at 7 m. See Route 105.
		SONAMUKHI	11	107½	
		BAHATOR	13½	121½	
		BANEKURA	13½	135½	
		Total marches, 12 = 135½ m.			

Route No. 262(a).
FROM FORT WILLIAM TO BANKURA.
 via JAHANABAD AND BISHNUPUR

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Presidency District, Fort William	Collector of Hooghly, Hooghly	CHANDITALA P.O.	18	18	NOTE.—This route is seldom used and that via Bardwan is much better, then longer A small village, supplies scarce; abundant good water from tanks on roadside a from the Sarathi stream, S of which and in fields S E of village as site of O.G., country flat and highly cultivated, road metalled, but bridged w/ wooden bridges, which are unsuitable for artillery
		SHEAKHALLA	8½	26½	
		PAHARPUR	10½	37	A small village, supplies procurable, indifferent limited water from tanks between village and O.G., small site for which is on S. side of barar; country as above road 18 ft wide, unmetalled, and bridged as before; pass Khatampur at and Chucha at 6 m; there is another road (unmetalled) from Fort William which makes the following stages :— <div style="text-align: right;"> Dhamjur 11 m Jagatbalkhappur (P.O.) 9 " Sheakhalla 10 " TOTAL 30 m </div>
		PURSURAH	5	42	
		JAHANABAD P.O.	12	54	A village; supplies on notice, plentiful good water from tanks near village, an from a stream about 1 m N of O.G., site for which is B of village, in field on both sides of the road country, nullahs and road as before, but last impassable in rains, pass Kugura at 8½ and cross the Kana stream (wooden bridge unsuitable for guns) at 6 m A village on right bank of the Damoda R supplies on notice, good water from the river extensive site for O-G near village, country and road as before, cross the Damoda at end of stage, by ferry of 2 boats carrying 40 men each
		MODINA	8	62	
	Collector of Bankura, Bankura.	KOTALPUR 18 600 sq yds. P.O.	8	70	A town and hd qrs. of civil sub division, supplies on notice, abundant good water from tanks wells and from the Darkasir R on bank of which is small site for O.G., country and road as above, first 6 m of latter often flooded, pass Dhe Buraah at 9 m A small village, supplies on notice; abundant good water from a tank on N E side of O-G site for which is on high land round village; country and road as before cross the Darkasir on starting by ford in dry season, by ferry carrying 60 men in rains
		JAIPUR	10	80	
		BISHNUPUR	9	89	A village, supplies on notice, plentiful good water from tanks on O-G, site for which is on high rdly land 400 yds N of village, country and road as above; pass Khutal at 3 m A small village, supplies scarce, abundant fair water from a large tank N-E of small O-G which is S of road and near village; country dry low and cultivated road unmetalled for the first 4½ m., thence metalled but bridged throughout with wooden bridges, which are unsuitable for artillery.
		ONDA	8½	97½	
		BANKURA	11½	109	Country partially covered with jungle, road as in latter part of last stage See Route 82 For other remarks, see Route 163
		Total marches, 11 = 104 m.			

Route No. 263.
FROM FORT WILLIAM TO JESSORE
 via DUM-DUM AND BARASAT

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Presidency District, Fort William	Colr of 24- Jessore, Barasat, Alipore Nadia, Krish nagar.	DUM DUM 20000 sq yds. P.O. 1-5 r.s.	8	8	A small cantonment, supplies plentiful, unlimited filtered water from pumps close by O-G, which is near side ranges, country level and well cultivated; road metalled bridged, and suitable for all arms, cross the road to Garhathi Ghāt at 4½ m Country low and liable to inundation, road as above, pass Dāharā at 4½ m
		BARASAT	7	15	
		SHAREPUR	18	33	See Route 94
		GAIGHATA	10½	43½	
		JOYNTIPUR	14	57½	
		JADABPUR	8	65½	
		THINKARGAOHA	7½	73	
		JESSORE	9	82	
		Total marches, 8 = 77 m.			

FROM FORT WILLIAM TO KRISHNAGAR.

via DUM-DUM, BARASAT AND RANAGHAT.

ADMINISTRATIVE.		Names of stages and site of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of 24 Parganas, Alipore.	DUM-DUM . . .	8	8	See Route 263. For other remarks see Route 61.
		BARASAT . . .	7	15	
		ANDANGA . . .	7	22	
	Collector of North-West Bengal, Krishnagar.	JAGULI . . .	8½	30½	A large village; supplies must be collected; abundant but indifferent water from a large deep tank on C.G., extensive site for which is in a garden ½ m. S. of village; country low, open and well cultivated; road 26 ft. wide, unmetalled, but suitable for all arms; pass Nupura at 1 m. and cross the Sonti stream (bridged), about half-way.
		GOREPARA . . .	10	40½	A large village; supplies must be collected; abundant good water from tanks in village. S. of which is extensive site for C.G.; country and road as in last stage; pass Adhuda at 4, and cross the Adhuda Khal (strongly bridged) at 5 m.
		RANAGHAT . . .	8	48½	A small town; supplies abundant; good water from the Malabhangs or Churni R., on the banks of which is extensive site for C.G.; country and road as above; cross E. R. S. Ry. at 7 and the Churni, by ferry (3 boats carrying 20 men each) at 7½ m.
		PADKULLA . . .	9	57½	A village; supplies on notice; water, sometimes indifferent, from the Sibhaka (a branch of the Churni), on bank of which an opposite market place is C.G.; country and road as above, but latter very heavy in the rains; cross a cut-way in 2nd m. (under water in high flood), when a boat, carrying 16 men, (here) and the Sibhaka (bridged) at end of stage.
		KRISHNAGAR . . .	8½	66½	See Route 151. Country and road as above; pass Jogipura at 5 m.
		Total marches, 8 = 65½ m.			

Route No. 265.

FROM FORT WILLIAM TO MIDNAPORE.

via BAGANAN AND PANCHKURA.

ADMINISTRATIVE.		DISTANCES.		REMARKS.	
Military.	Civil.	Miles.	Total.		
G. O. C. Presidency District, Fort William.	Collector of Midnapore, Midnapore.	BUDGE BUDGE p.o. 1-4. 1-4.	13	13	A small village on left bank of the Hooghly and terminus of the ry.; supplies must be collected; water from the river, and a tank on C.G., extensive site for which is on roadside near village; country low, level and cultivated; road metalled and fit for all arms.
		BAGANAN p.o.	17	30	A village; supplies on notice; good water, for a bath, from 2 tanks close to C.G., site for which is in fields in vicinity of village; country and road as above; cross the Choral Khal on starting, the Pujali Khal at 3 (both strongly bridged), the Hooghly at 4 (by ferry, and pass Khabris immediately afterwards) and the Damda R. at 11 m. by a ferry carrying 25 men.
		KOLA p.o. 1-4. 1-4.	6	36	A village on right bank of the Rupnarayan; supplies on notice; good water, for a bath, from 2 tanks, one near post, the other near h. ½ m. S. of C.G., extensive site for which is in field N. of road and W. of village; country and road as before; pass Malaria at 2, Nowpalla at 6½ m. and cross the Rupnarayan R. at end of march by ferry, 2 large and 2 small boats.
		PANCHKURA p.o. 1-4. 1-4.	11	47	A small village on both banks of the Kowai R.; supplies on notice; good water from the river, close to which, in fields on both sides of road and E. of village, are extensive sites for C.G.; country and road as before; pass Sirda at 6½, Narandah at 9 m., and cross the Kowai R. at end of stage, by ferry, 2 large and 2 small boats.
		DEBRA p.o.	8½	55½	A village; supplies on notice; plentiful but very indifferent water from 2 large tanks on small C.G., which is N. of road and near h.; country as above; road metalled and bridged, fit for artillery; pass Mangaldam at 2 and Dulpur at 8 m.
		MIDNAPURH 40/000 sq. yds.	9	64½	A small village on right bank of the Kowai R.; supplies on notice; good water from the river; C.G. in fields N. of road; country and road as before; pass Palaguri at 6½ m.
		MIDNAPORE	7	71½	See Route 62. Country and road as before; cross the Kowai R. on starting, by ford in dry season, by ferry, carrying 60 men, in rains, and pass Kinspur at 4 m.
Total marches, 7 =					
65½ m.					

Route No. 266.
FROM FORT WILLIAM TO PESHAWAR
via THE GRAND TRUNK ROAD

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCES		REMARKS.
Military	Civil		Miles	Total	
G O C. Presidency (Post et, Fort William)	Collector of Sd-Farug, Lahore	KOTRUNG .	9½	9½	A village, supplies on notice; good water from tanks and from the Hooghly R., on the right bank of which and in fields is extensive site for C-G, country level and cultivated road metalled and bridged suitable for all arms cross the Hooghly at 2, by the Howrah bridge, and pass through Ballygunge (p-o) at 7 m
	Collector of Hooghly, Hooghly	GAURHATI p-o b	10½	20	A village on right bank of the Hooghly, supplies plentiful, good water from the river and from a well on C-G, small site for which is near village, country and road as before; pass Sempore (p-o) at 5 and Budvanti at 3 m; the route to Gaurhati from Fort William runs via Barrackpore, in which the Hooghly must be crossed at Talla Ghut by ferry
		HOOGHLY 160 x 150 yds p-o t-s r-s	8½	28½	A civil stn; supplies abundant, good water from the Hooghly, on right bank of which and close to circuit house is site for C-G, country and road as before; pass Chandernagore (a E reach Settlement) at 4½ and Chinsura (p-o t-s) at 2 m
		DIGSUI (TARAGANI) p-o	8	36½	A village, supplies on notice, good water, for a bath, from a well on C-G, small site for which is W of road and close to village, country and road as before; pass Nagra (r-s) at 6 m
		GOARA .	11½	48½	A village, supplies abundant, plentiful good water from a well on C-G, small site for which is W of ry line and near village, country and road as above; pass Khaynn (r-s) at 8½ and Pandua (r-s) at 7½ m
	Collector of Bardwan, Bardwan	DULLA BAZAR 50,800 sq yds.	14	62½	A small village, supplies on notice, good water, for a bath, from 2 wells on C-G which is near village, country and road as above; pass Mahan r-s at 9 m.
		BURDWAN 21,240 sq yds. p-o t-s r-s b	12½	74½	A civil stn, supplies abundant, plentiful good water from the water-works, standards close to C-G, which is A E of the town and near r-s, country and road as before, cross the Banka stream at 1½ m.
		SARUL 58,830 sq yds b	11½	86½	A small village, supplies on notice, good but limited water from 2 wells on C-G, which is 1 m N E of village, country and road as above; pass Baska at 8½ m
		HUD BED 58,610 sq yds p-o b	12	98½	A small village, supplies on notice, plentiful good water from 2 wells and a tank near C-G, which is N E of, and close to village, country and road as before; pass Gaha (r-s) at 1½ and Galsam at 4 m
		GOPALPUR 220 x 140 yds p-o	11½	100½	A small village; supplies on notice, plentiful good water from 2 wells on and a tank near C-G which is 1½ m S of village; country and road as in last stage; pass Panagar r-s. at 7 m.
		ONDAL 51,290 sq yds p-o r-s	12	112½	A small bazar; supplies on notice, plentiful good water from wells and tanks on C-G, which is W of, and near village; country and road as above, pass Jampur at 8 and cross the Tuma stream at 10 m
		BOGRA . 50,700 sq yds.	12	124½	A small village, supplies on notice, plentiful good water from wells and a tank on C-G which is S of road and close to village; country and road as above. The town of Bahagpur is ½ m distant from Bogra, by a good metalled road.
		ASANSOL 11,160 sq yds p-o t-s r-s	6	180½	A four-sided town; supplies procurable, good water, for a bath, from a well on and from a tank near C-G, which is W of r-s; country and road as above cross the Noma Jore at 3 m
		NIAMATPUR 65,870 sq yds.	8	148½	A small village, supplies on notice; plentiful good water from 2 wells and a tank on C-G which is N of village, country and road as above
	Sd Divisional Officer of Gobindpur, Gobindpur	NIRSA 440 x 200 yds p-o t-s	12	167½	A village, supplies on notice; plentiful good water from a well on C-G which is close to police stn, country undulating and fairly cultivated, road as before; cross the Barakar J. at 6 m.
		GOBINDPUR 81,100 sq yds p-o t-s b	12½	170½	A small town, supplies abundant, plentiful good water from a well and tank on C-G, which is N of road and close to town; country fairly cultivated, one or two low hills appear on the left, road as before pass Bura at 6 m
		RAJGANJ 66,900 sq yds p-o	12	182½	A village, supplies on notice; plentiful good water from a well and tank on C-G, which is close to police stn, country and road as above Kathas r-s is about 6 m S of the village by a good gravelled road
		TOPCHANCHI 420 x 210 yds p-o b	9	191½	A village, supplies on notice, plentiful good water from 2 wells on C-G, which is close to police stn, country as above but with high hills to the N; road as before, pass Murhadi at 6 m
		DUMRI 160 x 160 yds p-o b	14	205½	A small village, supplies on notice, plentiful good water from wells and tanks in vicinity of C-G which is in a mango grove S of road, country hilly, road as above pass Bhidpur at 5, Tamsnathi Hill about half-m and Jangamati at 13 m from Dumri a metalled road (see Route 114 (a)) runs to Ghidh r-s
		BAGODAT 270 x 270 yds p-o t-s b	41½	217	A village; supplies on notice, plentiful good water from wells in vicinity of C-G, which is E of and close to village; country and road as above, pass Bapat at 4 m A metalled road (see Route 114 (c)) runs from Bagodot to Hazaribagh
		ATKA 230 x 260 yds b	7	224	A small village; supplies on notice, plentiful good water from wells in vicinity of C-G, which is A of road and near village, country flat and mostly cultivated; road as before
		HUKATA 290 x 166 yds p-o b	9	233	A village; supplies on notice; plentiful good water; C-G S of road and near village, country hilly and jungly; road as before pass a low range of hills about half way, easy ascents and descents
		BARHAT 338 x 800 yds p-o t-s b	16	249	A large village, supplies procurable, plentiful good water from wells in vicinity of C-G, which is S of road and close to village; country and road as above pass Barhat at 9 m A road (see Route 114) runs from Barhat due S to Hazaribagh
	Deputy Commissioner of Hazaribagh, Hazaribagh	CHORPARAN 363 x 290 yds p-o b	12½	261½	A small bazar, supplies on notice, good water, for a bath, from wells in vicinity of C-G, which is near bazar, country and road as in last stage; cross the Barabar R at 8 and pass Kumbhar at 8 m.
		BALUWA 100 x 90 yds b	10	271½	A small bazar on right bank of the Mohana; supplies on notice, good water from the river, C-G cramped and stony adjoining the bazar, country hilly and covered with dense jungle, road as before but across the Panwa pass, ascent and descent easy, cross the Mahana R at end of stage
G O C. Altabad Dist., Altabad	Collector of Gura, Gura				

ACTIVITIES.		Name of place and size of encamping ground.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
N. O. C. Ahmedabad District, Ahmedabad.	Collector of Gya, Gya.	SARWA 230 x 150 yds. b.	11	2824	A small hamlet; supplies must be collected; good water, for a bath, from a well 2 m. from C.G., which is S. of road and adjoining hamlet; the water in the 3 wells on the ground itself is unfit for drinking; country covered with jungle; road as above; cross the Kollia stream at 8½ m.
		SHERGHATI. 65,000 sq. yds. p-o. b.	12½	295	A large village, formerly a civil stn.; supplies on notice; good water from a well, and from the Murlar R. on the bank of which is C.G.; country and road as above, but latter level; cross the Murlar stream on starting, the Lilaajm at 4, the Baridja at 11 m., and the Murlar at end of stage.
		MADANPUR. 250 x 300 yds. p-o. b.	14½	309½	A small village; supplies on notice; plentiful good water from 3 wells on and near C.G., which is 300 yds. S. of village; country as above, hilly towards end of march; road as before; pass Pindia at 8½ and Amra at 10 m.
		ATFANGABAD 300 x 120 yds. p-o. b.	14	323½	A small civil stn.; supplies on notice; good water, for a bath, from a well on C.G., which is close to civil stn.; country flat and uncultivated; road as before; pass Durbhanga at 7 and Ora at 11 m. From Aurangabad an unmetalled road (no Route 567) runs S. to Bijan.
		BAREN 60,000 sq. yds. p-o. b.	14	337½	A small hamlet on the right bank of the Son; supplies on notice; good water from a well and from the river, 2 m. E. of which is C.G.; country and road as before; cross the Butari R. at 5 m., by causeway in dry weather, by ferry in rain; pass Sita at 8 m., and cross the Panpan stream (bridged, but bridge unsafe) immediately afterwards by a temporary wooden bridge 50 yds. lower down stream.
	Collector of Bhagalpur, Arrah.	DEHRI 225 x 170 yds. p-o. b.	3	340½	A village on the left bank of the Son, important on account of the engineering works, in connection with the Arrah and Buxar canals, which terminate here; supplies must be collected; plentiful good water from 4 wells on the ground, and 1 (for animals) from the river, 300 yds. W. of which is C.G.; country and road as before; cross the Son on starting, by causeway in dry weather, by ferry (3 boats carrying 30 men each) in the rains.
		SARABAI 310 x 240 yds. p-o. b.	12	352½	A civil stn. and native town; supplies plentiful; abundant good water from wells on and (for animals) from the canal and a tank near C.G., which is 2 m. W. of town; country well cultivated; road as before; cross the W. Son canal on starting and pass Karmajia at 6 m.
		JEHANABAD 350 x 220 yds. p-o. b.	15½	368	A village; supplies on notice; good water, for a bath, from a well on C.G., which is 160 yds. N.W. of village; animals can be watered at the Dargauti stream within 1 m. of village; country and road as before; pass the terminus of the Arrah and Buxar canals at 2, Tikari at 8½ and cross the Kudra stream at 12½ m. An unmetalled road runs from Jehanabad to Bhabha (p-o. b.), distant 12 m.
		MOHANIA 310 x 210 yds. p-o. b.	15½	383½	A small village; supplies on notice; good water, for a bath, from a well on, and (for animals) from a large tank 150 yds. W. of C.G., which is S.E. of and close to village; country and road as before; cross the Dargauti stream at 10 m.
		KHAJURA 225 x 220 yds. b.	14	397½	A small village on the right bank of the Karamnava R.; supplies on notice; plentiful good water from 2 wells on C.G., which is 140 yds. W. of village and E. of the river, where animals may be watered; country and road as before; cross the Dargauti at 7 and pass Kulluwa at 11 m. An unmetalled road runs from Khajura to Zamara, 11 m. distant.
	Collector of Patna, Patna.	JAGDIS-KISARAI 40 x 400 yds.	11	408½	A small village; supplies on notice; good water, for a bath, from a well on C.G., which is 2 m. E. of village; country and road as above; cross the Karamnava R. on starting and pass Chandaul (p-o. b.) at 9 m.
		JALIHAT 75 x 500 sq. yds.	12	420½	A small village; supplies on notice; good water, for a bath, from a well on, and from a tank near C.G., which is E. of and close to village; country and road as before; pass M. Ghauria at 6 m., where an unmetalled road branches off to Ghauria, distant 14½ m. (no Route 316).
		BENARAS 250 x 150 yds. p-o. b.	6½	427	A military cantonment, civil stn., and large native city, situated on the left bank of the Ganges; supplies on notice; plentiful good water from 2 wells on C.G., which is opposite the Native Infantry lines; country and road as above; cross the Ganges at 14 m. by the Dufferin bridge, boats available.
		BAJA-KA-TALAO 200 x 250 yds. b.	10	437	A small village; supplies on notice; good water, for a bath, from a well and tank on C.G., which is E. of and close to village; country and road as above. A road branches off here to Mirzapur, 17½ m. distant.
		MAHARAJGANGI (KATRA) 400 x 600 yds. p-o.	16	453	A small village; supplies on notice; plentiful good water from 2 wells on C.G., which is S. of and near Katra; country and road as before; pass Mirzapur at 6, Tamvalia at 10 and Saral Baba at 12½ m.
Collector of Allahabad, Allahabad.	Collector of Allahabad, Allahabad.	GOPHRANS 67,000 sq. yds.	11	462	A small town; supplies on notice; plentiful good water from 2 wells on C.G., which is 12½ yds. W. of town; country and road as above; cross the Mirzapur-Jaunpur road at 8 and pass Mallanpur at 6 m.
		BAHAUT 600 x 750 yds. p-o. b.	12	474	A large village; supplies on notice; good water, for a bath, from 2 wells on C.G., which is 2 m. W. of village and liable to inundation after heavy rains; country and road as above; pass Ramkisanpur at 7 m.
		SARDABAD 400 x 320 yds. b.	10	484	A village; supplies on notice; good but limited water from 2 wells on C.G., which is 600 yds. S. of village; country and road as above; pass Handia (p-o. b.) at 5 m.
		JHUNI 250 x 750 yds. p-o. b.	10½	494½	A small village, near the confluence of the Jumna and the Ganges, 1 m. from Allahabad Fort on the opposite bank; good water from 2 wells on and near C.G., which is between the h. and the police stn.; country and road as above; pass Hannunung at 6 and Nalpur at 10½ m.
		ALLAHABAD 600 x 100 yds. p-o. b.	6½	500½	A large cantonment, civil stn., and native city situated W. of the Fort and extending along the banks of the Jumna; supplies procurable; good and abundant water from standpipes on C.G., which is W. of and close to the ry. rest-barracks, on both sides of the Camp as road; there are two other sites for campments, one at Alpur Bugh and the other opposite the bakery, 2 m. W. of the ry. rest-barracks; country and road as above; cross the Ganges at 1 m., by bridge; ford in the dry season, by ferry in the rains; any number of boats procurable; after crossing the river the road passes the small town of Daraganj, and thence by Canning road to the new cantonment.

VILLAGE		Names of places and area of surrounding ground.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Unlabeled District, Allahabad	Collector of Allahabad, Allahabad	MUFTI KE PURWA 200,000 sq yds p-o	10½	613½	A small village, supplies on notice, plentiful good water from 3 wells on C-G, which is S. of road and 1 m E of village, country and road as before, the Munauri r-s is distant 1 m from the ground.
		LOKHRIHAJ 870 x 370 yds p-o b	14	627½	A village, supplies on notice, plentiful good water from a well on, and two others near C-G, which is ½ m from village, country and road as above; pass Mulak at 5, Pathana at 10, and Bessulpar at 13 m
		SAINI 650 x 420 yds.	18½	641	A village; supplies on notice, good water, for a bath, from a well close to C-G, which is 500 yds N W of village at junction of four cross roads, and can be watered from the village tank, country and road as above
		KATOGHAN 246,810 sq yds	18	651	A small village, supplies abundant, plentiful good water from 2 wells and a tank on, and near C-G, which is N of road and about ½ m from village; country and road as before, pass Ajhna at 5, and Farnai at 9 m
		THARIYAON 410,080 sq yds p-o	12½	606½	A bazar, supplies plentiful, abundant good water from 2 wells and a tank close to C-G, which is N of road and near village; country and road as above; pass Khaga at 4 and Attrapur at 6 m
G O C. Unlabeled District, Lucknow	Collector of Faizpur, Faizpur	FATEHPUR 210,840 sq yds. p-o t-r-s b	12	678½	A small civil stn, supplies plentiful, abundant good water from 3 wells on, and a tank near C-G, which is N of road, country and road as above, pass Rama at 4 and Barani at 7 m
		MALWA 903,810 sq yds p-o r-s	11	380½	A small village, supplies procurable, plentiful good water from 2 wells and a tank on C-G, which is S of road and about ½ m from village, country and road as above; pass Karpur at 6½ and Suroori at 8½ m
		AUNG 450 x 210 yds p-o	17	602½	A small village, supplies procurable, plentiful good water from 2 wells on C-G, which is close to village; country and road as before, pass Hardhanpur at 8½ m
		MHARAIPUR 251,070 sq yds p-o b	14½	617½	A small village, supplies plentiful, abundant good water from a well and tank on C-G, which is S. of road and close to village, country and road as above; crosses the Pandu stream at 4, pass Sikriya at 6, and Sural at 12 m. An unmetalled road runs to Sural r-s (distant 1½ m) at 12½ m
		CAWNPUR 870 x 250 yds p-o t-r-s b	11	628½	A large cantonment and civil stn, supplies abundant, plentiful good water from a well F of and close to C-G, which is S of the cantonment and about 600 yds from r-s, country and road as above, pass Rana at 8 and Bakpur at 8 m. The road to Lucknow (see Route 161) branches off at Cawnpur and crosses the Ganges by the fly bridge
G O C. Unlabeled District, Cawnpur	Collector of Cawnpur, Cawnpur	KALIANPUR t-s	8½	636½	A village, supplies on notice, plentiful good water from 2 wells on C-G, which is N of road, but greatly curtailed by tank and temple on rising ground, room only for 3 regts., country and road as in last stage, the latter running parallel to B. B. & C. I. Ry., cross the canal on starting and thence skirting the western suburb of the city, cross the Kalpi road at 3 and pass Kahanpur r-s at 8 m. From Kaliaupur, a raised metalled and bridged road runs to Bithur, distant 8 m
		CHAUDEPUR 252,330 sq yds p-o t-s	8½	615½	A small bazar, supplies procurable, plentiful good water from 2 wells on C-G, which is close to bazar, country and road as before, pass Maundhara r-s at 3½ and Ananya at 7½ m. Bithur is 6 m E. of Chaudipur
		PURA p-o r-s b	13	687½	A village, supplies procurable, plentiful good water from 2 wells, one on, and the other ½ m before reaching C-G, which is close to village and well just above moderate 3 regts., country and road as above, cross the Nona stream at 2, pass Shurnipur r-s at 6, and Nawada at 8½ m
		ARAU 230,000 sq yds p-o r-s b	18½	671	A village, supplies procurable; plentiful good water from a well S of and near C-G, which is close to village, country and road as before; pass Jhansi Salar r-s at 4 Bithur r-s at 7, cross the Arun stream at 8, pass Rakotli at 10 and Arail r-s at 13 m. From Arail an unmetalled road branches off, east Malma pur to Rasulabad, distant about 21 m
		SARAI MIRAN 550 x 358 yds.	9½	680½	A large village, supplies plentiful, abundant good water from 2 wells on C-G, which is N W of village, country and road as before; pass Chagpur at 3 and Dandwa at 5 m, a raised, bridged but unmetalled road branches off to Mityanjan and Menchi Ghat at 6½ m. There is an unmetalled road from Sarai Miran to the ruins of the ancient city of Kanauj, distant 3 m
G O C. Unlabeled District, Meerut	Collector of Meerut, Meerut	GURSAHAIKUNJ 500 x 400 yds p-o r-s	10½	696	A large village, supplies abundant, plentiful good water from 3 wells on C-G, which is N-W of village, country and road as above, pass Maknadinagar at 2½, whence a road branches off to Phaphund r-s on h. I. Ry., about 39 m distant, Jasodha r-s at 7½ and Jalalabad (p-o) at 10½ m
		CHIBRAMAU p-o	15	721	A large town, supplies abundant, plentiful good water from 2 wells, one near a raised mesquite and the other immediately opposite C-G, which is ½ m W of town room for a bath, n. site for 3 regts. to encamp is also available on vast land E of town and close to road, country and road as before; pass Ismailpur at 1½, Daulat Salar at 6 and Sikandarpur at 9½ m. An unmetalled road branches off from Chibramau to Kamalganj r-s, distant about 12 m
		DEWAR 100,000 sq yds. p-o b	13½	728½	A large village, supplies abundant, plentiful good water from 4 wells, one on and others in vicinity of C-G, which is S of village, country and road as above, pass Nabuganj at 8 and Nikamat at 11 m. From Dewar a road (see Route 16) branches off to Fatehgarh, distant 21 m
		SULTANGANJ 208,350 sq yds p-o	14	738½	A small bazar, supplies plentiful, abundant good water from the canal (Dewar branch), ½ m E of which is C-G, country and road as before, pass Bhogwan at 8 whence a road branches off to Mainpur, distant 9 m, Chughat at 11½, and Malpura at 13½ m
		KURAOLI p-o	9	747½	A small bazar, supplies abundant, plentiful good water from the Dewar canal and from 2 wells, one on canal, and the other on C-G which is N of and close to canal, space for 3 regts., country and road as before, pass Bachwan at 3 and Tumul at 5 m
G O C. Unlabeled District, Meerut	Collector of Etah, Etah	MALAWAN 820 x 400 yds b	11	768½	A small bazar, supplies abundant; plentiful good water from wells on, and in vicinity of C-G, which is close to b; country and road as above; pass Lakshmi at 4½, and Mahamadpur at 9 m
		ETAH 481,460 sq yds p-o t-r-s b	12	770½	A small civil stn, supplies plentiful, abundant good water from 2 wells on C-G, which is in front of the telegraph building, country and road as above, pass Asper at 4 and Santhara at 8 m
		BHADWAS p-o	11	781½	A small village, supplies abundant, good but limited water from 2 wells on, and an irrigation channel ½ m beyond C-G, which is 1 m from village, and can accommodate 3 regts.; country and road as above, pass the road to hauganj r-s (distant 18 m) at 1, Boma at 5 and Bhudwas village at 10 m

ACTIVITY.	No. of	Creek	Name of estate and site of consuming grounds.	Distances.		Remarks.
				Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Meerut District, Meerut.	Collector of Meerut District, Meerut.	SIKANDIA-RAO p. o. r. a.	0	7801	A small town; supplies abundant; plentiful good water from wells and a tank on and in vicinity of C.G., which is close to where the Hathras-Kanpur road (Route 12) crosses; recommended for 3 wells; country and road as before; pass Mirgalgarhi at 6 m.
			AKBARAD 523,223 sq. yds. p. o. r. a.	10	81	A large village; supplies abundant; plentiful good water from 4 wells on C.G., which is on both sides of the road and near village; country and road as before; pass Masjid at 7 m.
			ALIGARH 493,210 sq. yds. p. o. r. a. r. h.	11	816	A small village; supplies abundant; plentiful good water from 3 wells on C.G., which is W. of Aligarh, and 1 m. from the r-r camp; country and road as before; cross the Ganges canal at 3, pass Jasratpur at 5 and Kili at 13 m.; then skirting the city pass through the city.
			SOMNA 620 x 420 yds. p. o. r. a. b.	13	825	A large village; supplies on a well; plentiful good water from a well on C.G., which is near r-r; country level, open and well cultivated; road as before; pass Bijhara at 31 and Rajpur at 11 m.
			KHURJA 275,720 sq. yds. p. o. r. a. r. h.	14	843	A large village; supplies procurable; plentiful good water from village wells; C.G. between the Delhi and Meerut roads which branch off here. Meerut distant 33 m.; country and road as before; pass Douchra at 8 and Baidpur at 12 m. Khurja r-r is distant 31 m.
			BHUJAN 501 x 100 yds. p. o. r. a. b.	12	855	A fishing place; supplies procurable; plentiful good water from wells in vicinity of C.G., which is 2 m. N.W. of Bahadurpur, an old cantonment and small civil station; country and road as before; pass Agwal at 21 and Mammun Kila at 5 m.
			SICUNDARA 257,500 sq. yds. p. o. r. a. r. h.	0	844	A town; supplies plentiful; abundant good water close to C.G., which is S.W. of road; country and road as before; pass Hoshapur at 6 m. A metalled road leads to the r-r, distant 4 m. The following are the stages on the old Grand Trunk Road from Khurja:— Chab, 8 m. Siwani at 10 m. The road is, however, no longer metalled, and is not recommended.
			DADEI 222,100 sq. yds. p. o. r. a. b.	11	876	A large village; supplies plentiful; abundant good water from a well on C.G., which is on both sides of the road, close to village; country and road as before; pass Nadi at 5 m. A good metalled road runs to the r-r, distant 1 m.
			GHANSHYAM 143,100 sq. yds. p. o. r. a. r. h.	11	887	A large town; supplies plentiful; abundant good water from a well near C.G., which is close to r-r; country and road as before; pass Dharm at 2 and Chaprahat at 6 m. From Ghanshyam a metalled road (to Route 122) branches off to Meerut.
			DELHI 416 x 400 yds. p. o. r. a. r. h.	14	1001	A large city, cantonment and civil station; supplies plentiful; abundant good water from wells, canals, and the city in vicinity of C.G., which is situated in the old cantonment, 21 m. from the Delhi Gate; country and road as before; cross the W. of the road, pass Siwani at 2 and cross the Juma at 11 m. (The road of the passage of the road is given to the Siwani Master, Delhi). The road crosses the city by the Columns Gate, passes along under the wall of the Fort and N. of the r-r, and enters by the Kashmir Gate.
G. O. C. Meerut District, Meerut.	Collector of Meerut District, Meerut.	Collector of Meerut District, Meerut.	ALIPUR 500 x 400 yds. p. o. r. a. b.	11	915	A village; supplies procurable; plentiful good water from 2 wells on C.G., which is W. of road; country and road as before; the road passes through Sahibpur at 4, then by Adipur at 4, by Kaper at 7, and crosses the Sahib station at 9 m.
			RAM 500 x 400 yds. p. o. r. a. b.	10	922	A village; supplies procurable; plentiful good water from 2 wells on C.G., which is close to village; country and road as before; pass Singa at 31 and Pilmur at 5 m. From Ram a road (metalled, but bridged) runs to Bagrah (see Route 12), distant 7 m.
			LASPAULI 500 x 400 yds. p. o. r. a. b.	11	937	A village; supplies procurable; plentiful good water from 2 wells on C.G., which is W. of road; country and road as before; but with great deal of jungle; road as before; pass Bagrah at 4 and Bagrah at 4 m.
			SANDEHAKHA 500 x 400 yds. p. o. r. a. b.	10	944	A village; supplies abundant on a well; plentiful good water from 2 wells on C.G., which is W. of road; country and road as before; pass Gaur at 31 and Bagrah at 5 m.
			PANIPAT 500 x 400 yds. p. o. r. a. b.	11	951	A large town; supplies on a well; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; pass Sima at 7 m.
			GHANSHYAM 500 x 400 yds. p. o. r. a. b.	0	951	A village; supplies on a well; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; pass Bagrah at 5 and Bagrah at 4 m.
			KANAL 500 x 400 yds. p. o. r. a. b.	10	952	A large town and small civil station; supplies on a well; plentiful good water from 2 wells on C.G., which is W. of road; country and road as before; cross the Ganges canal at 7 m. and pass Kimpura immediately afterwards.
			BATTANA 500 x 400 yds. p. o. r. a. b.	12	944	A small village; supplies on a well; plentiful good water from a well on C.G., which is W. of road; country and road as before; but with more jungle; road as before; cross the Western Juma canal at 4, pass Bagrah at 7 m., and cross the Chittang stream at end of road.
			PILPA 710 x 500 yds. p. o. r. a. b.	0	967	A small village; supplies on a well; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; but with more jungle; road as before; pass Bagrah at 5 and Bagrah at 4 m. From Pilpa a road (metalled, but bridged) runs to Tinsar at 21 m.
			SHARAD 500 x 400 yds. p. o. r. a. b.	10	1002	A large town; supplies on a well; plentiful good water from 4 wells on and near C.G., which is W. of road; country and road as before; pass Kimpura at 4 and Bagrah at 7 m.
G. O. C. Sahib District, Sahib.	Collector of Sahib District, Sahib.	Collector of Sahib District, Sahib.	GHANSHYAM 500 x 400 yds. p. o. r. a. b.	12	1024	A large cantonment; supplies procurable, in tents should be sent to the Cantonment Magistrate; plentiful good water from cantonment water-supply reservoir on C.G., which is close to village. S.W. of cantonment and close to level crossing on N.W. Ry.; country level and fairly cultivated, but liable to flood during the rainy season; cross the Marikanla on starting, pass Piliya at 8, cross the Bala at 10, and the Tangri at 11 m. both unbridged and unreliable after heavy rains. Adjoining the road across these are the bridges of the D.C. Ry. These bridges can always be crossed by infantry and laden animals.

DISTRICT	NAME OF STAGE AND VILLAGE	DISTANCE	REMARKS
Military	Civil	Miles	Total
G. O. C. British District, Unahla	Deputy Commissioner of Unahla, Unahla		
		104	1 084
		11	1 015
		11	1 057
		10	1 067
		14	1 081
G. O. C. British District, Meean Meer	Deputy Commissioner of Meean Meer, Meean Meer		
		13	1 054
		9	1 104
		18	1 117
		12	1 129
		12	1 143
G. O. C. British District, Meean Meer	Deputy Commissioner of Meean Meer, Meean Meer		
		8	1 160
		0	1 169
		12	1 171
		11	1 183
		11	1 194
G. O. C. British District, Meean Meer	Deputy Commissioner of Meean Meer, Meean Meer		
		12	1 206
		0	1 216
G. O. C. British District, Meean Meer	Deputy Commissioner of Meean Meer, Meean Meer		
		2	1 210
		12	1 221
		12	1 244
		11	1 250

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.		Dy. Commr. of Gujranwala, Gujranwala.			
		GHAKKHAR 840,110 sq. yds. p-o. r-s.	10½	1,266	A small village; supplies procurable; plentiful fair water from wells on C-G., which is close to the r-s.; country level and open; road as before; pass the road to Sialkot (distance 34 m.) at 1, and Lohianwala at 4 m.
		WAZIRABAD 380,110 sq. yds. p-o. t-s. r-s. b.	10½	1,376½	A town; supplies procurable; abundant good water from wells on C-G., which is W. of and close to town; country level, open and fairly cultivated; road as above; pass Jandiala at 8 m. The road to Sialkot (see Route 600) branches off from the camping ground.
		KATHALA 740 x 300 yds. p-o. r-s.	4½	1,280½	A small village on right bank of the Chenab; supplies on notice; plentiful good water from a well on C-G., which is N. of and close to r-s.; country and road as before; cross the Chenab at 2 m., by ry. bridge (footway only) or steamer-ferry. Except during the rains there is no occasion to halt at Kathala.
Deputy Commr. of Gujrat, Gujrat.		GUJRAT 800 x 400 yds. p-o. t-s. r-s. b.	5½	1,286½	A town and civil stn.; supplies abundant; plentiful good water from a well on C-G., which is ½ m. N. of r-s.; country and road as before; pass Katra at 3 m. Gujrat is famous for the battle fought on the 21st February 1849, between the British and the Sikhs, which ended in the final overthrow of the Sikh nation.
		LALA-MUSA 810 x 400 yds. p-o. r-s.	10½	1,296½	A village; supplies abundant; plentiful good water from a well on C-G., which is W. of road and near village; country and road as before; cross the Shingar stream at 1½ and again at 8½ m.
		KHARIAN 800 x 380 yds. p-o. r-s.	9	1,305½	A village; supplies procurable; plentiful fair water from a well on C-G., which is W. of road and near village; country ravine and barren; road as before; pass Paljan at 4½ and Kotla at 6½ m.
		AURANGABAD 780 x 400 yds. p-o. r-s.	9	1,314½	A small village; supplies procurable; plentiful good water from a well on C-G., which is N-W. of village; country hilly and barren at first, afterwards level, open and fairly cultivated; road as before; at 1 m. the ascent of the Kharian pass over the Pabbi range is commenced; the pass is about 8½ m. long, but presents no difficulties; pass Karyala r-s. at 6½ m. Except during the rains there is no occasion to halt at Aurangabad.
Deputy Commissioner of Jhelum, Jhelum.		JHELUM 520 x 810 yds. p-o. t-s. r-s. b.	3½	1,318½	A town, cantonment and civil stn. on right bank of the Jhelum; supplies plentiful; abundant good water from the river and from a well on C-G., which is within cantonment limits; country level, open and cultivated; road as above; cross the Jhelum at 2 m. by the ry. bridge.
		DINA 128,000 sq. yds. p-o. r-s.	12	1,330½	A small village; supplies on notice; plentiful good water from a well on C-G., which is close to the road; country hilly; road as before; pass Kala at 4 m.; cross a range of hills half-way; pass Dina at 10, and cross the Kahna R. at 11 m.
		SOHAWA 980 x 200 yds. p-o. r-s.	13½	1,344½	A small village; supplies scarce; good but limited water from wells, and (for animals) from a tank in vicinity of C-G., which is close to the r-s.; country very hilly; road as above; cross a branch of the Kahna R. at 7 and pass Dhoka at 9 m.
		GUJAR KHAN 810 x 400 yds. p-o. t-s. r-s.	11½	1,356	A village; supplies on notice; plentiful good water from a well on C-G., which is close to r-s.; country barren, ravine and hilly; road as before; pass Khauka at 4 and Balkam at 0 m.
Deputy Commissioner of Rawal Pindi, Rawal Pindi.		MANDRA 810 x 430 yds. p-o. r-s.	9	1,365	A small village; supplies on notice; plentiful fair water from a well near C-G., which is close to r-s.; country intersected by ravines, but well cultivated; road as before; pass Nathia at 6 m.
		RIWAT 1,160 x 430 yds. p-o.	9½	1,374½	A small village; supplies on notice; plentiful fair water from 2 wells in the vicinity of C-G., which is about 200 yds. E. of village; country and road as above; cross the ry. line at 5½ m.
		RAWAL PINDI 400 x 403 yds. p-o. t-s. r-s. b.	10	1,384½	A large cantonment and civil stn.; supplies abundant; plentiful good water from hydrants close to C-G., which is at 10 m.; country and road as above; pass Hurrah at 4½ and cross the Sohan R. at 7 m.
		JANI-KI-SANG 700 x 400 yds.	15	1,399½	A village; supplies procurable; plentiful fair water from a well on C-G., which is close to village; country undulating, partially cultivated and intersected by nullahs; road as above; pass Chur at 3, the Khushmalgar-Kohat road (see Route 5) at 7, and Chela at 9 m.
Deputy Commissioner of Feshawar, Feshawar.		HASAN-ABDAL 790 x 450 yds. p-o. r-s.	14½	1,414½	A village; supplies procurable; good water from a spring close to Lalla Rookh's tomb, 1½ m. from camp, and (for animals) from a stream running along the front of C-G., which is close to village; country and road as above; proceed through the Margala pass at 2½, pass Sarai Kahn (on Route 4) at 5½, and cross a branch of the Hurrah R. at 12½ m.
		HATI 860 x 430 yds.	13½	1,428	A small village; supplies procurable; plentiful good water from a well on C-G., which is near village; country and road as above; cross a branch of the Hurrah R. at 3 and the Hurrah itself at 9 m.
		ATTOCK FORT 850 x 450 yds. p-o. t-s. r-s. b.	13½	1,441½	A cantonment and small civil stn.; supplies abundant; indifferent limited water from 2 wells on C-G., which is 2 m. short of the fort. The fort is situated on high ground overlooking Khairabad, at junction of the Kabul and Indus rivers; country open, level, and cultivated; road as above; pass Gondal at 9 m.
		KHAIIRABAD 182,000 sq. yds. p-o. r-s. b.	8	1,449½	A village; supplies procurable; plentiful good water from ry. hydrants 100 yds. S. of C-G., which is on right bank of the Indus, where animals may be watered; country hilly; road as above. The route passes through the fort and town of Attock, and descending the left bank of the river reaches the ry. bridge at 4 m.; thence it ascends the right bank parallel to the line of mill and passes through the town of Khairabad to the camping ground.
G. O. C. Feshawar District, Feshawar.		AKORA 800 x 400 yds. p-o. r-s.	9½	1,459	A village; supplies procurable; plentiful good water from a well on, and from hydrants near C-G., which is 1 m. S-W. of village; country barren; road as before; after leaving Khairabad the road skirts the right bank of the Kabul R. nearly the whole way; pass Dyri at 5 and Shaida at 6½ m.
		NOWSHERA 560 x 300 yds. p-o. t-s. r-s. b.	8½	1,467½	A small cantonment; supplies procurable; plentiful good water from a well on C-G., which is 500 yds. from the Kabul R., where animals may be watered; country and road as before, latter passing the low Khattak hills on the left, and the Kabul R. on the right; pass Ismail Khel at 8 m.
		PUBBI 160 x 150 yds. p-o. r-s.	11½	1,479	A village; supplies plentiful; abundant good water from a well near C-G., which is situated at the junction of the Grand Trunk and Pubbi-Cherat roads; country and road as above; cross a large dry nullah, passable at all times, at 1½ m.; from 2½ m. to 6½ m. the road runs between low hills on the S. and the Kabul R. on the N.

ACRONYMIES		Names of stages and size of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C P. 1, near District, Feshawar	Collector of Feshawar, Feshawar	FESHAWAR 1 160 x 220 yds p-o 1-4 r-a 5 Total marches 138 = 1,404 m.	15	1,404	A large cantonment and civil etc. supplies plentiful, abundant good water laid on in pipes on to C G., which is N-W of cantonments and on the irrigated parade ground country open and well cultivated; road as before, pass Tandu at 8 1/2 and Rodhai at 7 1/2 m

Route No. 267.
FROM FORT WILLIAM TO SOOREE
via BURDWAN AND BURUL

ACRONYMIES		Names of stages and size of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of 24 Regt Alipore	KOTRUNG	9 1/2	9 1/2	See Route 268
		GAURHATI	10 1/2	20	
		HOOGHLY	8 1/2	28 1/2	
	Collector of Hooghly Burdwan	DIGSUI (TARAGAN)	8	36 1/2	
		GOARA	11 1/2	48 1/2	
		DULLA BAZAR	1 1/2	50 1/2	
	Collector of Burdwan, Burdwan	BURDWAN	12 1/2	63 1/2	See Route 183 For other remarks see Route 106
		KHILRAPUR	13	76 1/2	
		OAGRAM	8	84 1/2	
	Collector of Burdwan Sooree	BHEDIA	13	102 1/2	
		BURUL	8	110 1/2	
		PURANDARPUR	13	123 1/2	
		SOOREE	7	130 1/2	For other remarks see Route 11*
		Total marches 13 = 138 1/2 m			

Route No. 268.
FROM FYZABAD TO AZANGARH
via AKBARPUR AND ATRAULIA

ACRONYMIES		Names of stages and size of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Oudh District Lucknow	Deputy Commissioner of Fyzabad	JALAJADINNAGAR 40 340 sq yds	10 1/2	10 1/2	A village, supplies procurable plentiful good water from a well in front of, and from 2 others close to C G., which is in a mango grove N-W of road and about a mile N E of Hill at Ghaz r-a; country wooded and well cultivated, road metalled for the first 6 m. only, but raised bridged and practicable for all arms throughout though the unmetalled portion, being liable to floods, is easy for wheeled traffic during rains, cross the G and R. Ry near Damin-nagar r-a at 5 m
		TANDAULI 41 160 sq yds r-a	8 1/2	19	A village, supplies procurable, good water, for a bath, from 2 wells close to C-G., which is N E of road and near village; country open and much cultivated, road as in latter part of last stage, pass Kaya Bazar at about 6 m., where an unmetalled road branches off to Tandu (p-o 1-4) on the Gogra, distant 22 m
		AHRAULI 22 180 sq. yds	8 1/2	27 1/2	A village, supplies procurable good water for a bath, from a well on C-G., which is in a mango grove (sometimes flooded in rains) N W of road and near village country and road as in last stage; pass Goshungany at 8 1/2 and Kauspur r-a at 4 1/2 m
		AKBARPUR 36,300 sq yds p-o 1-4 r-a	8 1/2	35 1/2	A town, supplies procurable; plentiful good water from wells near C G., which is in a grove N E of road and 1 m from r-a country and road as above. From here a metalled and bridged road branches off to Tandu, distant 11 m
		BASKHARI 78,050 sq yds p-o	15 1/2	51	A village, supplies procurable plentiful good water from 2 wells on, and (for animals) from a tank near C G. which is N E of road in a mango grove, country as above but low towards end of stage, road metalled and bridged for the first 13 m. and it leaves the Tandu road, thence neither metalled nor bridged, liable to floods and swampy in parts

APPROXIMATE		Name of village or place of crossing	Distance		Remarks
Station	Order		Miles	Total	
G. O. C. Aligarh District, Aligarh	Collector of Aligarh, Aligarh	STRAVIA	12	63	A village; supplies on a dike; good water, for a baton, from 2 wells, one on, and the other 60 yds. W. of C.G., which is in a grove 1 m. S.E. of village; country level, open and well cultivated; road unmetalled, but bridged and passable for all arms.
		MANDURI	11	77	A small village; supplies must be collected; plentiful good water from 2 wells near C.G., which is N. of and adjoins village; country and road as above; cross the Saraj R. at 3 1/2, pass Kullia (p.o.) at 5 1/2, and Kaptainsanj at 12 1/2 m.
		AZAMGARH	9 1/2	89 1/2	See Route 24.
		Total marches, 8 m 50 1/2 m.			Country and road as before; pass Kanderapur at 3 m.

Route No. 268(a).
FROM FYZABAD TO AZAMGARH.
 via AKBARPUR AND PHULPUR.

APPROXIMATE		Name of village or place of crossing	Distance		Remarks
Station	Order		Miles	Total	
G. O. C. Allahabad District, Lucknow	Dy. Commr. of Allahabad, Allahabad	JALALUDDIN NAGAR	30 1/2	100 1/2	NOTE.—No. 268 is preferable to this route in dry weather. See Route 263.
		TANDAUJI	4 1/2	105 1/2	
		AHRAULI	4 1/2	114 1/2	
		AKBARPUR	4 1/2	123 1/2	
G. O. C. Allahabad District, Aligarh	Collector of Aligarh, Aligarh	SIKHPUR	14 1/2	138 1/2	See Route 25.
		SHAHJANGI	17 1/2	156 1/2	Country as in last stage; good metalled for the first 1 1/2 m. only, 1st bridged through out and passable for all arms.
		PHULPUR	12	170 1/2	A village; supplies on a dike; plentiful good water from a well 60 yds. E. of C.G., which is W. of road and about 1 m. from village; country as above; road as in latter part of last stage.
		PHARWA	12	182 1/2	A village; supplies procurable; good water, for a baton, from a well on C.G., which is 250 yds. N. of village; country generally under cultivation and free from trees and brush, metalled and bridged, passable for all arms.
		AZAMGARH	12	194 1/2	A small village; supplies procurable; good water, for a baton, from 2 wells on C.G., one for which is at Bundpur, 1/2 m. from village; country and road as above.
		Total marches, 9 m 10 1/2 m.		194 1/2	See Route 25. Country and road as above.

Route No. 269.
FROM FYZABAD TO BAHRAICH.
 via COLONIEHANS.

APPROXIMATE		Name of village or place of crossing	Distance		Remarks
Station	Order		Miles	Total	
G. O. C. Allahabad District, Lucknow	Dy. Commr. of Allahabad, Allahabad	TARTONA	12 1/2	12 1/2	A village; supplies procurable; abundant good water from a well, and the Tehri R., 1 m. from which is N. of road is also for C.G.; country low, open and well cultivated; road after passing Nawalgaon (6 m.) is either metalled or bridged as the road on the river; cross the Hogra river after starting, by bridges at 1 m., and the Tehri at end of stage, by ford in dry weather, by ferry in rain.
		BILBAR	10	22 1/2	A large village; supplies procurable; good water, for a baton, from 2 wells 1 m. W. of C.G., which is close to village; country and road as above; pass Tarapur (p.o.) at 6 m.
		ATA, FARAPUR	9	31 1/2	Two villages; supplies procurable; good water, for a baton, from wells and tanks E. of C.G., which is N. of road and 1 m. from village; country and road as above; cross the Ghid nullah at 4 m. by a bridge which is unsuitable for heavy wheeled traffic.
		COLONIEHANS	10	41 1/2	An old emporium; supplies procurable; plentiful good water from wells in town and on C.G., which is W. of town; country and road as in last stage.
		KARULAPUR	10 1/2	52 1/2	A village near left bank of the Ghid Saraj; supplies procurable; good, but limited water from 2 wells, and (for animals) from the stream; small also for C.G.; E. of road and near village; country cultivated and wooded; pass as before, ferry during the rainy season at 5 1/2 and Bahpur at 8 m.
		JAGANIA	11	63 1/2	A village; supplies procurable; good but limited water from 3 wells, and (for animals) from the Ghid Saraj, 1 m. distant; small also for C.G.; E. of road and near village; country and road as above; pass Hivanti at 6 m. and Bahpur at 8 m.
		BAHRAICH	11 1/2	75 1/2	A small village; supplies procurable; plentiful good water from 6 wells on, and a tank 1/2 m. from C.G., which is S. of road and close to town; country and road as above; pass Bahpur at 4 m. and cross the Ghid Nullah (bridged) at 7 m.
		Total marches, 7 m 75 1/2 m.			

Route No. 270. FROM FYZABAD TO GONDAL. via WAZIRGANJ

AUTHORITY		Name of stage and site of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Deputy Commissioner of Gondal, Gondal	NAWABGANJ p-o r-s b	6½	6½	A large market town, supplies procurable, plentiful good water from 2 wells on C-G, extensive site for which is W of road and near town country fairly cultivated, road raised, metalled and bridged but on each bank of the Gogra sandy and very difficult for wheeled traffic during the rains, cross the Gogra soon after starting, by ferry (10 boats carrying 100 men each), and the Tehri towards end of stage, by bridge of boats in dry season, by ferry (6 boats carrying 100 men each) in the rains
		WAZIRGANJ 103,000 sq yds p-o	8	14½	A village, supplies procurable, plentiful good water from 5 wells on C-G, which is E of road and near village, country level, open and well cultivated; road as above, pass Parsapur at 3 m
		DIRZI-KA-KUA 890 x 330 yds	8	22½	A village; supplies procurable, good water, for a bath, from a well on C-G, which is E of road, under water during the rains, country and road as before, pass Banghurn at ½ m
		GONDAL 1,800 x 950 yds p-o r-s b	8	30½	An old cantonment and civil sta., supplies plentiful, abundant good water from 7 wells on C-G, which is W of and close to city, country and road as above. From Gondal roads run to Bahraich, Colonelganj, Bahrapur, Atraulia, and Fyzabad.
		Total marches, 4 = 80½ m			

Route No. 271. FROM FYZABAD TO GORAKHPUR. via BASTI

AUTHORITY		Name of stage and site of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Oudh District Lucknow	Collector of Basti, Basti	From the Chutia to KALIANPUR 601,840 sq yds	11½	11½	A halting place, supplies procurable, good water, for a bath, from a well on C-G, which is N of road; country level open and well cultivated, road metalled and bridged, cross the Gogra at 6 m, by bridge of boats in dry season, by steamer during the rains
		SISAI 400 x 400 yds	11	22½	A small bazar 1 m from Harraja (p-o), supplies procurable, good water for a bath, from a well on C-G, which is N of road and near bazar, country and road as above
		TILOKPUR 400 x 400 yds	11½	34½	A halting place; supplies procurable, good water, for a bath, from wells on C-G, which is N of road; country and road as above, pass Kaptainpur at 8 m
		BASTI 840 x 2,016 yds p-o r-s b	6	40½	A large village, supplies procurable, good water, for a bath, from wells on C-G, which is opposite the Kachari; country and road as above, cross the Kachari at end of stage. Four unmetalled roads branch off from Basti, one to Tanda Ghat, distant 16 m; another to Damaraganj, distant 28 m, and thence 22 m on to the Nepal frontier, a third to Banu, distant 32 m, and thence to the Nepal frontier 28 m further; and the fourth to Minbadawal, distant 27 m in the Gorakhpur District, and thence to Kaman Ghat on the Rapti, 8 m further
		MUNDERWA 920 x 330 yds p-o r-s	12	52½	A village; supplies procurable, good water, for a bath, from a well on C-G, which is 300 yds N of r-s; country low, with rice cultivation, road as before
		KHALIBABAD 400 x 350 yds p-o r-s	10	62½	A small bazar, supplies procurable; good water, for a bath, from a well on C-G, which is E of road; country as before, but swampy in places, road as above, pass Chaurab at 5 m
		SAMJANWA 840 x 330 yds r-s b	10	72½	A village; supplies plentiful, indifferent water for a bath, from a well on C-G, which is E of road and near village, country fertile, road as above, unsuitable for all arms but flooded in parts during the rainy season; pass Neghar at ½ m and cross the Amu at ½ m
		GORAKHPUR	10	82½	See Route 26
		Total marches, 8 = 82½ m			Country and road as above, cross the Rapti (fordable in hot weather) at ½ m by bridge-of-boats in dry season, by ferry in the rains.

Route No. 272. FROM FYZABAD TO JAUNPUR. via AKBARPUR AND SHAHGANG

AUTHORITY		Name of stage and site of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Deputy Commissioner of Fyzabad, Fyzabad	JALALDINNAGAR	10½	10½	See Route 268.
		TANDAULI	8½	19	
		AHRAULI	8½	27½	
		AKBARPUR	8½	36½	
		SINHAURPUR	14½	50	See Route 268(a) For other remarks see Route 26.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Jaunpur, Jaunpur.	SHAHGANJ . . .	18½	68½	See Route 269(a).
		LIPRI . . . 11,200 sq. yds.	12	76½	A village about 1 m. W. of Mori r-r.; supplies on notice; abundant good water from wells in vicinity of C-G, site for which is E. of road and near village; country as before; road metalled and bridged, suitable for all arms; pass Khetu-Garni r-r. at 6½ and Gurnani (former halting place) at 9½ m.
		JAUNPUR . . .	10	86½	See Route 82.
		Total marches, 8 = 86½ m.			Country and road as above; cross the Gumti and pass through the city at end of stage.

Route No. 278.

FROM FYZABAD TO KHAGA RAILWAY STATION.

via JAGDISPUR, 42ND SALON.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Onadh District, Lucknow.	Dy. Commr. of Fyzabad, Fyzabad.	BARON 400 × 800 yds.	10½	10½	A small village; supplies procurable; good water, for a battn., from a well N-W. of, and (for animals) from a pond close to C-G, which is N-W. of road and near village; country cultivated and wooded; road metalled for the first 7½ m. only, but bridged throughout and practicable for all arms; pass Ranipur at 7½ and cross the Marha nullah at 9½ m.
		MULKIPUR . . . 147,270 sq. yds.	8	18½	A village; supplies procurable; good water, for a battn., from a well N-E. of C-G, which is W. of road and near village, liable to floods in the rains; country as above; road as in latter part of last stage, but subject to inundation near Mulkipur.
		HULIAPUR . . . 400 × 300 yds.	11½	30	A village; supplies procurable; plentiful good water from a well W. of C-G, which is on both sides of road, and close to village; country fairly cultivated; road as before.
		JAGDISPUR . . . 38,160 sq. yds. p-o.	11	41	A large village; supplies procurable; plentiful good water from a well S-E. of C-G, which is 1 m. E. of village; country and road as above; cross the Gumti at 8 m. The Lucknow-Sultanpur road (see Route 423) crosses at Jagdispur.
		JAIS . . . p-o.	14	55	A town; supplies procurable; plentiful good water from 2 wells on small C-G, which is S. of road and near town; country level, open and fairly cultivated; road unmetalled, flooded and heavy in places, and unfit for heavy wheeled traffic during the rains.
	Dy. Commr. of Rae-Bareilly, Rae-Bareilly.	PICHWARI . . . 280 × 180 yds.	11	66	A village; supplies procurable; abundant good water from a well E. of C-G, which is E. of road and near village; country and road as above; cross a nullah (bridged) at 1½ and pass Nasirabad (p-o.) at 5 m.
		SALON . . .	8	74	See Route 36. Country and road as in last stage; cross the Sol at 5 m., by ford in dry season, by ferry in rains.
		UMRAN 28,630 sq. yds.	10	84	A small village; supplies procurable; plentiful good water from a well on C-G, which is E. of road and near village; country and road as above.
	Dy. Commr. of Sultanpur, Sultanpur.	KAUBASTA GHAT	10	94	A village on left bank of the Ganges; supplies procurable; abundant good water from 2 wells on C-G, small site for which is near village; country and road as above, but latter becomes worse as it nears the river; cross the Allahabad-Rae-Bareilly road [see Route 36(a)] at 5½ m. and pass Mustafabad (p-o.) immediately afterwards; nullahs unfordable during the rains.
		KhAGA RY. STN. 350 × 250 yds. p-o. b.	11	105	A r-r. on the E. I. Ry.; supplies procurable; plentiful good water from a well on C-G, which is N. of road; country level, open and fairly cultivated; road unmetalled, but raised and bridged throughout, unfit for artillery during the rains; cross the Ganges soon after starting, by ferry (3 country boats, carrying 50 men each).
	Collector of Fatehpur, Fatehpur.	Total marches, 10 = 105 m.			

Route No. 274.

FROM FYZABAD TO RAE-BAREILLY.

via MOHANGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Onadh District, Lucknow.	Dy. Commr. of Fyzabad, Fyzabad.	BARON . . .	10½	10½	See Route 278.
		MULKIPUR . . .	8	18½	
		HULIAPUR . . .	11½	30	
		JAGDISPUR . . .	11	41	

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C Oudh District Inspector	By Command of Hon. Barelly Hon. Barelly	MOHANGANJ p-o	11½	62½	A large village, supplies procurable, plentiful good water from 7 wells in vicinity of C.G., small site for which is W of road and near village. Country as in last stage road raised, but unmetalled and flooded in the rains
		DUSAUTI 220 x 200 yds	0	61½	A village; supplies procurable plentiful good water from a well on C.G. which is on both sides of road close to village, country as in last stage; road as above, flooded in parts, in rains, but always passable pass Allahmaddpur at 7 m.
		RAE BARELI	10	71½	See Route 26
		Total marches 7 = 71½ m			Country as in last stage, road as above, with the exception of the last 2 m, which are metalled; cross the Naya stream (strongly bridged) at 4 m

Route No. 275.
FROM FYZABAD TO TULSIPUR.
via UTRAULA

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Oudh District, Lucknow	Deputy Commissioner of Gondah, Gondah	NAWABGANJ	0½	6½	See Route 270
		BHITAURA 80,000 sq yds.	18½	12½	A small village; supplies must be collected, good water, for a bath, from 2 wells on and tanks in vicinity of C-G. which is W of road and close to village country well cultivated with occasional dense jungle. Road metalled for first 8 m only, but raised and bridged throughout unmetalled portion difficult for wheeled traffic during the rains, pass Tikri r-o at 5½ m
		REHRA 82 000 sq yds	10½	30½	A small village supplies procurable, good but limited water from a well on C-G, which is on both sides of road country as above road as in latter part of last stage cross the Manawar at 2 and the Bism at 8 m
		PAHAR 28 000 sq yds.	0	36½	A small village, supplies procurable, good but limited water from wells on C-G, site for which is E of road and near village, liable to floods during the rains; country and road as above, cross the Kobani R (strongly bridged) at 4 m
		UTRAULA 24 000 sq yds p-o. b	7	43½	A small town supplies procurable, plentiful good water from 2 wells on C.G., site for which is W of road; country and road as above; cross the Boun Nadi (fordable in dry season) by a wooden bridge fit for artillery at 5 m
		BHUSAI WA 20,000 sq yds	8	51½	A small village, supplies must be collected, plentiful good water from wells on, and tanks in vicinity of C-G., site for which is S E. of and close to village, flooded in the rains, country low but well cultivated road as above, cross the Rapti at 3 m by bridge-of-boats in dry season by ferry (2 boats, each carrying 80 men) in the rains, and the Soti at end of stage
		TULSIPUR	8	59½	See Route 72
		Total marches, 7 = 59½ m			Country cultivated, road as above. From Tulsipur road branch off N-W to Ghandhi Doh (22 m), E. to Pech-Porwa (14 m), and S W to Balrampur (18 m)

Route No. 276.
FROM GAUHA TI TO AMRATOL.
via MANGALDAI AND UDALGURI.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Kamrup, Gauhati.	CHUTIAPARA . 300 x 150 yds. p-o. b.	11	11	A village; supplies on notice; abundant good water from a tank near C-G, site for which is on bank of the Mandankuri stream and close to b.; country level, open and well cultivated; road 10 ft. wide, unmetalled but practicable for all arms; cross the Brahmaputra on starting by a steamer, and the Mandankuri (temporarily bridged) at end of stage.
		DAMNICHAUKI .	10	21	
	Deputy Commissioner of Darrang, Tezpur.	MANGALDAI .	16	37	Country and road as above; nullahs temporarily bridged, unsuitable for artillery. See Route 206.
		PUTIMARI . 100 x 100 yds.	14	51	
		UDALGURI . 130 x 180 yds. p-o.	13	63	A village; supplies procurable; good but limited water from a well outside the stockade, N. of and near which is site for C-G.; country, road, and bridges as in last stage; pass Kubarull tea-garden at 8 m. In the cold weather the Bhutias come down here to trade.
		ABHAIABKHAND . 130 x 180 yds.	8	71	A halting place; no supplies; good water from the Dhanairi, on bank of which is site for C-G.; country jungle with a few scattered villages and patches of cultivation; road a country track, practicable for laden ponies; cross the Doiphang (a rapid stream with stony bed) at 6½ m., by ford in dry season, impassable in the rains.
		AMRATOL .	7	78	A small village in Bhutan; supplies must be collected; plentiful good water from the Trisoli stream, near which is site for C-G.; country hilly with thick jungle; road a country track, fit for ponies, leading over a steep hill, and up the bed of the Trisoli, only practicable in dry season.
		Total marches, 7 = 78 m.			

Route No. 277.
FROM GAUHA TI TO DEOCHANG.
via MANGALDAI AND SINGRIBARIHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Kamrup, Gauhati.	CHUTIAPARA .	11	11	See Route 276.
		DAMNICHAUKI .	10	21	
	Deputy Commissioner of Darrang, Tezpur.	MANGALDAI .	16	37	For other remarks see Route 276. See Route 206.
		PANARA . 200 x 200 yds.	17	54	
		SINGRIBARIHAT . 130 x 180 yds. p-o.	14	68	A village; supplies on notice; good water from the Nonai R., near which and in fields is site for C-G.; country open and cultivated with patches of grass-jungle; road 12 ft. wide, unmetalled, passable in cold season for infantry and mountain artillery; cross the Non Nadi at 5 and the Nonai at 16 m., both by ford in dry season, and by ferry in rains; nullahs bridged but many of the bridges are temporary structures, and will not carry artillery.
		DEOCHANG .	9	77	A village; supplies on notice; good water from the Sukila R., and from wells in an adjoining tea-garden; site for C-G. E. of road and near village; country jungle with patches of cultivation; road and bridges as above; pass Totlagoon at 11 and cross the Sukila (fordable in cold season) at 12 m.; no ferry in the rains as the river in flood is too rapid; floods, however, fall very quickly and the river would only be unfordable for 3 or 4 days at a time.
		Total marches, 7 = 77 m.			The name of an old stockade, which no longer exists, in the midst of grass-jungle; supplies must be collected; C-G. would have to be cleared; country, jungle; road as above.

Route No. 278.
FROM GAUHA TI TO DIWANGIRI, on the Bhutan Frontier.
via DARANGA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Kamrup, Gauhati.	CHUTIAPARA .	11	11	See Route 276.
		RANGIYA . 500 x 300 yds. p-o. b.	14	25	
		TAMBULPUR . 400 x 250 yds. p-o. b.	14	39	A village; supplies procurable; abundant but indifferent water from a hill stream close to C-G., site for which is near b. and W. of road; country and road as before; all nullahs temporarily bridged.

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C A. A. S. M. District, Shillong	Deputy Commr. in charge of Kamrup District	DARANGA 600 x 400 yds.	12	51	A halt on place supplies on notice good water from the Daranga R., near which and close to b is G G country partly jungle and partly cultivated on road and nullahs as a last stage across the N. Darang stream fordable in cold weather at 10 m Daranga is a trading place for the Shintse
		DIWANGIRI 200 x 100 yds	10	61	
		Total marches 5 =			
		61 m			

Route No. 279.
FROM GAUHATI TO GOALPARA
via THE ASSAM TRUNK ROAD

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam Dist. at Shillong	By Commr. of Goalpara District	PALASBARI	14	14	See Route 205 An unmetalled but shorter road branches off to Goalpara distant from Darangiri about 24 m See Route 165
		CHAIGAON	12	26	
		BOKO	12	38	
		DHUPDHARA	10	48	
		DARANGIRI	11½	60½	
		KRISHNAI	13	73½	
		AGIA	8½	81½	
		GOALPARA	8	90	
		Total marches, 8 =			
		90 m			

Route No 280
FROM GAUHATI TO SUBANKATTA
via DARANGA

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam Dist. at Shillong	Deputy Commr. in charge of Kamrup District	CHUTHAPARA	12	11	See Route 270 See Route 278 A small village with a small stockade supplies on notice; good water from the Faghdya on left bank of which, and N of village is site for G-G country hilly and sandy with dense jungle road (a cold weather one) 12 ft wide unmetalled but practicable for infantry all nullahs temporarily bridged; cross the Daranga on starting and the Faghdya at end of stage by ford
		RANGITA	14	25	
		TAMBULPUR	14	39	
		DARANGA	12	51	
		SUBANKATTA 1000 x 800 yds	8	59	
		Total marches 5 =			
		59 m			

Route No 281
FROM GAYA TO BIHAR.
via EKANGAR SARAI

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District Allahabad.	Officer in charge of Gaya District	EKIDARSARAI	18	18	See Route 217
		ISLAMPUR	16½	34½	
		EKANGAR-SARAI 400 x 200 yds.	7	38½	
		p-o. b			
					A village; supplies on notice good water for a bath. from a well in b corner 100 yds. S E of which is a mango grove, in G-G. country level and open road unmetalled, but good.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Patna, Bankipore.	PAWALPUR . 250 × 100 yds. p.	9	45½	A village; supplies on notice; abundant good water from wells, and from the Mahan R., near bank of which, in a mango grove 100 yds. S. of village, is C-G.; country and road as above; leave the Gaya-Patna road on starting. See Route 217(a). Country and road as above.
		BIHAR .	10	55½	
		Total marches, 5 = 55½ m.			

Route No. 282.
FROM GAYA TO SHERGHATI.
via MATHIANI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Gaya, Gaya.	MATHIANI . 260 × 200 yds. p.	10	10	A village; supplies on notice; plentiful good water from a well 50 yds. W. of C-G., which is E. of road and ½ m. S.E. of village; country level and partly cultivated; road raised, metalled, and bridged. See Route 266. Country and road as above; reach the Grand Trunk Road at Debhi at 8½, cross the Burhiya R. at 14 m., and the Murhar at end of stage.
		SHERGHATI	15	25	
		Total marches, 2 = 25 m.			

Route No. 282(a).
FROM GAYA TO SHERGHATI.
via CHIRKI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Gaya, Gaya.	CHIRKI 20,000 sq. yds.	9	9	A village; supplies on notice; plentiful good water from a well and a nullah close to C-G., which is about ½ m. N. of Chirki bazar; country cultivated; road metalled and bridged except over the Jumna Nadi crossed at 5 m., by ford in dry weather, by ferry (1 small boat) in rains. See Route 266. Country as above; road unmetalled, but fair; cross the Burhiya R. at 6 m., by ford except after heavy rain, when two rafts, each carrying 10 men, are available.
		SHERGHATI	11	20	
		Total marches, 2 = 20 m.			

Route No. 283.
FROM GHAZIPUR TO CHAPRA.
via BALLIA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Ghazipur, Ghazipur.	MUHAMMADABAD	18½	18½	See Route 55.
		KARIMUDDINPUR 840 × 190 yds. p-o.	9	27½	A small village; supplies on notice; plentiful good water from 3 wells on, and in vicinity of C-G., which is N. of road and 1½ m. S. of Lathudih; country level, open and cultivated; road metalled for first 2½ m. only, when the Margat (bridged) is crossed, thence sandy in parts; pass Farra at 4½ and Bator at 8½ m.
	Collector of Ballia, Ballia.	BARAGAON 240 × 170 yds. p-o.	10	37½	A small bazar; supplies procurable; plentiful good water from a well and tank 60 yds. E. of C-G., which is 100 yds. S.E. of village; country as above; road unmetalled, sandy and bad in places, but nullahs bridged; pass Lathudih at 1½, cross the road to Razza at 8½, and pass Dehma at 5 m.
		BALLIA 180 × 110 yds. p-o. t-s.	9	46½	A small town on left bank of the Ganges; supplies plentiful; good water, for a battn., from a well W. of C-G., which is 100 yds. W. of town and S. of road; country as above; road metalled and in good order after the first mile; cross the Surja at 1½, by temporary bridge in cold weather, by ferry (4 boats, carrying 60 men each) in rains, pass Wyna at 5 m. and cross the Kalla (bridged) at end of stage.
		HALDI 370 × 80 yds. p-o.	10	56½	A village on left bank of the Ganges; supplies rather scarce; good water, for a battn., from a well on C-G., which is in a mango grove ½ m. N. of village; country as above; road metalled for the first mile only; pass Dhamipur at 5 m.
		BAIRIA 412 × 168 yds.	12	68½	A village; supplies procurable; plentiful good water from wells and a tank near C-G., which is in a mango grove ½ m. E. of village; country as above; road unmetalled and indifferent; pass Kodapar at 8 m.
		SHITADDIR	8½	77½	A halting place near junction of the Gogra and Ganges; supplies must be collected; water from the river, on bank of which is site for C-G. (frequently flooded); a temporary road and other arrangements are made on notice; country and road as above, but latter a mere track towards end of stage as the bed of the Gogra is constantly changing.

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad.	Collector of Banm, Chhapra.	CHAPRA	8½	80½	See Route 62. Country level and cultivated, road metalled and in good order after passing Berdighy (p-o), traverses heavy sand for a mile when the river (unfordable) is reached, cross by ferry (8 boats carrying 40 men each), and pass through the town of Berdighy where a halt might be made there being a good C-G.
		Total marches, 8 = 80½ m			

Route No. 284.
FROM GHAZIPUR TO GORAKHPUR.
 via DFOHRI GHAT.

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad.	Collector of Ghazipur, Ghazipur.	BARHI 270 x 280 yds p-o	14	14	A village; supplies abundant, plentiful good water from a well and tanks near C-G, which is about ½ m. E of village, where there is another tank, country flat, open and cultivated; road raised, metalled and bridged, cross the Barhi at 4 and the Mangar at 8½ m.
		MAU 400 x 300 yds p-o t-o b	14	28	
G O C Allahabad District, Lucknow.	Collector of Azamgarh, Azamgarh.	GHOZI	10	38	See Route 63. Country level and cultivated; road as above; cross the Barhi on starting, and pass Kupah at 4 m.
		DHANAUJI	10	48	
G O C Allahabad District, Lucknow.	Collector of Gorakhpur, Gorakhpur.	BARHALGANJ	2½	50½	Country and road as above, pass Sonadi at 3½ and Gola at 8½ m.
		GAGANA	11½	61½	
		BELIPAR	11½	73½	
		GORAKHPUR	12½	86	
		Total marches, 8 = 86 m			See Route 65

Route No. 285.
FROM GHAZIPUR TO ZAMANIA.

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad.	Collector of Ghazipur, Ghazipur.	ZAMANIA 34,908 sq yds p-o t-o r-s	12	12	A small town on right bank of the Ganges, supplies plentiful; good water from 2 wells and (for animals) from the river. C-G ½ m. N of town, country open and cultivated, road unmetalled, width 60 ft, bridged, general condition good, the Ganges is crossed by ferry at Chhapra, any number of boats available on notice. Zamania r-s is about 8½ m S of town.
		Total marches, 1 = 12 m			

Route No. 286.
FROM GOLAGHAT TO JEYPORE (ASSAM)
 via MORIANI AND SUPPHI

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Assam District, Shillong.	Deputy Commissioner of Sibsoiga, Sibsoiga.	TIFABAR p-o t-o r-s b	16	16	A village, supplies procurable, a bazar is held here every Sunday, plentiful good water from a large tank and a well close to b, in fields near which is extensive site for C-G in the dry season, country level, and mostly under tea and rice cultivation, road 16 ft wide, unmetalled, but procurable for all arms, cross the Kakodanga (bridged) about half-way and two other streams with semi-permanent bridges. A good but unmetalled road runs N from Tifabar to Jorhat, distant about 13 m, there is also a ry, or 2-ft gauge steam tramway, along the road to Jorhat.
		MORIANI p-o t-o r-s b	9	25	
		SELANG p-o t-o b	14	39	
					A village on left bank of the Desoi R., supplies plentiful, a bazar held every Sunday, abundant good water from a well near b and from the river, in fields on bank of which is extensive site for C-G in the dry season, country road and bridges as in last stage; cross four streams, en route. A road runs from Moriani to Jorhat distant 12 m, also a small 2-ft gauge ry.
					A village on the Jhany R. supplies on notice; good water from the river, on bank of which is extensive site for C-G in dry season, though the jungle would have to be cleared; country as before, road as in last stage, except that the bridges are temporary and not capable of bearing artillery; cross the Desoi on starting by ferry carrying 20 men, pass Dibrugar at 5 and Gobra at 9 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Assam District, Shillong.	Deputy Commissioner of Sibesar, Sibesar.	GELAKKEY 160,000 sq. yds. p-o. b.	10½	49½	A village; supplies on notice; indifferent water from a stream close to C-G., which is beyond b. on Assam Company's grant; country and bridges as above; road 12 ft. wide, unmetalled, and practicable for infantry and cavalry; cross the Jhaoji R. on starting, by ferry carrying 20 men.
		NAZIRA 112,000 sq. yds. p-o. t-s, b.	10½	60½	A village on left bank of the Dikhu R.; supplies procurable; good water from the river, on high ground on bank of which is site for C-G.; country, road and bridges as above.
		DULBAGAN 120,000 sq. yds.	7½	67½	A halting place; supplies on notice; indifferent water from a tank, near which is site for C-G., though it would have to be cleared; country and road as before; cross the Dikhu on starting, by ferry carrying 20 men.
		SUFFRY 90,000 sq. yds. p-o. t-s.	8	75½	A halting place; supplies scarce; good water from the Suffry stream, on left bank of which is site for C-G.; country, road and bridges as above.
		TEOK 140,000 sq. yds. p-o.	9	84½	A halting place; supplies on notice; plentiful good water from the Teok R., on left bank of which is site for C-G.; country and road as above; cross the Suffry (bridged) on starting, pass Sonari at 5 m., and cross the Taulok R. immediately afterwards.
		SAPAKATI 16,000 sq. yds.	8½	93½	A halting place; supplies on notice; plentiful good water from wells in the Sopa-kati tea-garden, near which is site for C-G.; country, road and bridges as before; cross the Teok on starting, by ferry carrying 10 men, and the Bor Timan (bridged) at end of stage.
		DILLIT 320,000 sq. yds. b.	12	105½	A halting place near the Disang R.; supplies on notice; good water from the river, near which and close to b. is site for C-G. (thick jungle would have to be cleared); country, road and bridges as before.
		JEYPORE	7	112½	See Route 207. Country, road and bridges as before; cross the Disang on starting, by ferry carrying 10 men.
		Total marches, 11 = 113½ m.			
	Dr. Commr., Lakhimpur, Dibrugarh.				

Route No. 287.

FROM GOLAGHAT TO NEGHERITING (SHIKARIGHAT).

via DERGAON.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Assam District, Shillong.	Dr. Commr. of Sibesar, Sibesar.	DERGAON p-o. b.	14	14	A village; supplies on notice; plentiful good water from a tank, near which is extensive site for C-G.; country flat, partially cultivated; road 16 ft. wide, unmetalled, but raised, bridged and suitable for all arms.
		NEGHERITING (SHIKARIGHAT). p-o. t-s, b.	4	18	A steamer-ghat, in rainy season, on the Brahmaputra; supplies procurable; good water from the river, on bank of which is extensive site for C-G.; country and road as above; cross the Gelabli (fordable) and a nullah towards end of stage, latter by ferry carrying 30 men. The steamer-ghat in the dry season is 4 m. lower down.
		Total marches, 2 = 18 m.			

Route No. 288.

FROM GONDAL TO BAHRAICH.

via PIAPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Oudh District, Lucknow.	Dr. Commr. of Gondal, Gondal.	GHITAUNI 27,000 sq. yds.	10½	10½	A village; supplies procurable; good water, for a battn., from a well N. of C-G., which is N. of road, and near village; country level, open and fairly cultivated; road unmetalled, but raised and bridged; cross the B. and N-W. Ry. at 2 and again at 4, and pass Thadwaria at 6½ m.
		PIAPUR 20,200 sq. yds. p-o. r-s.	12	22½	A large village; supplies procurable; good water, for a battn., from 2 wells on, and (for animals) from a well 1 m. from C-G., which is W. of road, and near village; country cultivated and wooded; road as above; runs parallel with the B. and N-W. Ry.
		GHILWARIA r-s.	10	32½	A village; supplies procurable; good water, for a battn., from a well on, and (for animals) from a nullah 1 m. from C-G., small, shady site for which is close to village; country and road as above; pass Kailua at 8 m.
		BAHRAICH	8	40½	See Route 289. Country and road as above.
		Total marches, 4 = 40½ m.			

Route No. 289
FROM GONDAR TO GORAKHPUR
and BASTI

ACTIVITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C Gadh District, Lucknow	Collector of Gondah, Gondah.	DIRZI KA KUA .	8	8	See Route 270
		WAZIRGANJ .	8	16	
		NAWABGANJ .	8	24	
	Collector of Basti, Basti.	KALIANPUR .	10½	34½	Country open and cultivated, road metalled and bridged; pass Balapur at 2, Ismailpur at 6 and Belwa bazar (p-o.) at 8 m.
		SISAI .	11	45½	
		TILOKPUR .	11½	57	
		BASTI .	6	63	
		MUNDERWA .	12	75	
		KHALILABAD .	10	85	
	Collector of Gorakhpur, Gorakhpur.	SAHJANWA .	10	95	See Route 271
		GORAKHPUR .	10	105	
Total marches, 11 = 105 m				For other remarks see Route 65	

Route No. 290.
FROM GONDAR TO RUDAUJI

ACTIVITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Gadh District, Lucknow	By Comptroller of Gondah, Gondah.	DIRSIYA 30,000 sq yds	9	9	A small village, supplies procurable, plentiful good water from 5 wells on C-G, which is in a mango grove ½ m E of village, country level, open and well cultivated, road unmetalled but mired and bridged, partly flooded and difficult for wheeled traffic during the rains, cross the Tehn (temporarily bridged) at 4 m., by ford in dry season, by ferry (7 boats, each carrying about 60 men) in the rains.
		BEHAGGANJ 45,000 sq yds	7½	16½	A large village, supplies procurable, plentiful good water from 5 wells on C-G, which is W of road and near village, country and road as above, cross the Nawabganj-Colonelganj road at 3 and the Biliu stream at 4 m.
		RUDAUJI 85,560 sq yds p-o. r-o.	12	28½	A town, supplies procurable; plentiful good water from 3 wells near C-G, which is E of road and close to town, country fairly cultivated; road neither metalled nor bridged, cross the Gogra at 3 m. at Kuth or Kothwar ghāt, by ferry, 6 boats at the former 2 at the latter, from Kollawar on right bank of the river, to Hajrinagar (8 m.) the road is a mere track (generally unfit for wheeled traffic), thence to Bilhar (10½ m.) on the Fatehpur Fyzabad road, an unmetalled cart road, and from this point to end of stage, metalled and bridged.
		Total marches, 3 = 28½ m			

Route No. 291
FROM GONDAR TO TULSI PUR.
and BALRAMPUR

APPROPRIATE.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Gadh District, Lucknow	Deputy Commissioner of Gondah, Gondah	GILAUJI 39 200 sq yds	8	8	A small village; supplies procurable, abundant good water from 3 wells on and others near G G, which is close to village, sometimes flooded in the rains, country level, open and fairly cultivated; road raised, metalled and bridged, practicable for all arms, cross the E. and N W Ry at 5 m. A small village, supplies procurable, plentiful good water from 3 wells on G-G, which is W of road, and near village, country and road as above; pass Itahok (p-o. r-o.) at 6 m. Country and road as above; cross the Kohnai R at 4 m, and the Gowna at end of stage See Route 72
		MAHARAJGANJ 81,000 sq yds	10	18	
		BALRAMPU	9	27	
		NIRZAPUR	7½	34½	
		TULSI PUR	10½	45	
		Total marches, 5 = 45 m			

Route No. 291(a). FROM GONDAH TO TULSIPUR.

187

via UTRAULA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Gondah, Gondah.	SANBARSA . 25,000 sq. yds.	8½	8½	A small village; supplies on notice; plentiful good water from 2 wells S. of C-G., which is E. of road and near village, flooded during the rains; country low and generally well cultivated, but jungly in parts; road raised, metalled bridged and practicable for all arms; cross the E. and N-W. Ry. at 3 m.
		SRINAGAR . 50,000 sq. yds. p-o.	0	17½	A small village; supplies on notice; plentiful good water from a well near C-G., which is E. of road and near village; country and road as above; cross the Bisi R. at 7½ m.
		CHAMRUPUR . 46,000 sq. yds.	0	26½	A small village; supplies on notice; good water, for a battn., from a well on C-G., which is on both sides of road, and close to village; country as before; road raised, bridged, but unmetalled, liable to floods, though usually fit for traffic of all kinds; cross the Kohari R. at 4 m.
		UTRAULA .	5½	31½	Country and road as above; from here a road branches off N-W. to Bahampur, distant 17 m. See Route 275.
		BHUSAILWA .	8	39½	
		TULSIPUR .	8	47½	For other remarks see Route 72.
		Total marches, 6 = 47½ m.			

Route No. 292.

FROM GOONA TO NASIRABAD as far as KOTAH (*for remainder see Bombay Route Book No. 246.*)
via CHHABRA AND SANGOD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandelkhand District, Agra.	Resident at Gwalior, Gwalior.	DHARNAUDA . p-o. r-o.	15	15	A village with an old fort; supplies procurable; good water for a battn. from wells near C-G., extensive site for which is about ½ m. from village; country level, and for the most part cultivated; road unmetalled, good for first 5 m., thence stony and rough, but practicable for carts, except in rains; pass Gurha at 7 and Mundpur at 12 m.
		BHOLAUN . 220 x 120 yds. r-o.	8½	23½	A village ½ m. from road; supplies procurable; plentiful good water from wells, and (for animals) from the Belli stream, near which, E. of r-o. and just S. of village, is site for C-G.; country cultivated, with low hills; road a good country track; cross the Parbati R. at 3 m. by ford, except after heavy rain.
		CHHABRA . p-o. r-o.	9	32½	A walled town with a hill fort; supplies procurable; plentiful good water from wells, and (for animals) from the Betri close to C-G., which is E. of and near town; country and road as in last stage, but latter bad after the first 5 m.; pass Bindaram at 4 m.
		KANDI . 17,000 sq. yds.	12½	45	A village, situated N. of a small range of hills; supplies procurable; plentiful good water from 4 wells near, and (for animals) from a tank ½ m. S-W. of C-G., site for which is N-E. of and close to village; country undulating and cultivated, road unmetalled, but good and level; pass Bishra at 2½, Khopur at 5½, cross the Antheri R. soon afterwards by ford, except after heavy rain, and pass Molase at 8 m.
	Political Agent, Kotah, Kotah.	SAKATPUR . 225 x 100 yds.	12	57	A village; supplies procurable; plentiful good water from 4 wells near C-G., site for which is S. of road and opposite village; country at first low, scrub-jungle, with patches of cultivation, afterwards well cultivated; road covered with sand for first 1½ m., where a good made road is met; pass Kharkhara at 5 and cross the Parwan R. at 7 m. by causeway, except after heavy rain.
		BORAWAR . 180 x 180 yds.	9	66	A large village; supplies procurable; plentiful good water from 5 wells near C-G., site for which is W. of road and opposite village; country undulating with partial cultivation; road as in latter part of last stage; nullahs fordable; pass Dhani at 4½ m.
		SANGOD . 60,000 sq. yds.	9½	75½	A large walled town; supplies abundant; plentiful good water from 5 wells in vicinity of C-G., site for which is ½ m. before reaching town; country flat and fairly cultivated; road as above, but sandy towards end of stage; nullahs fordable; pass Kanodar at 4½ m.
		KHAJURI .	15	90½	A village; supplies procurable; plentiful good water from wells in vicinity of C-G., extensive site for which is S. and W. of village; country as before; road as above for first 5½ m., thence a mere cart track; pass Ganshera at 5, cross the Kali Sind immediately afterwards, by ford in dry season, by ferry, carrying 80 men, in rains, and pass Rajpura at 12 m.
		KETHON . 200 x 100 yds.	11½	102	A town; supplies procurable; plentiful good water from wells and a nullah near C-G., site for which is ½ m. E. of town; country as above; road unmetalled, but fair; pass Arundikhera at 3½ and Bhagwanpura at 6½ m.
		KOTAH . 50,000 sq. yds. p-o. r-o.	9½	111½	A large walled city on right bank of the Chambal R.; supplies abundant; plentiful good water from 4 wells close to C-G., site for which is 1 m. from the Agency and N. of road; country level and sparsely cultivated; road bad and very narrow in parts, only just passable for country carts as far as Deoli (6½ m.), where a good made road is met; nullahs fordable; pass Borkhera at 7 m.
		Total marches, 10 = 111½ m.			

FROM GOONA TO NEEMUCH as far as TEHLA (for remainder see Bombay Route Book No 293).

and CHEABRA AND JHALRAPATAN.

AUTHORITIES		Names of stages and place of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Roadhead District Aggrs	Fol Agent, Resident at Gwalior, Tonk and Bikaner, Dewar	DHARNAUDA	10	15	See Route 292
		BHOLAUN	8½	23½	
		CHHABRA	0	32½	
		HALOD (CHIPA)	9½	42½	A large village, supplies procurable, plentiful good water from wells near C.G., extensive site for which is S of village and close to the Lohai stream, where animals might be watered; country as before, road a level cart track cross the Andheri at 4, by ford, except after heavy rain, and pass Daulatpura at 8 m.
	Fol Agent, Resident at Kotah, Kutch	SARTHAL	12½	54½	A large village, supplies procurable, plentiful good water from wells near C.G., small site for which is close to village, country sparsely cultivated, and mostly low jungle, road 30 ft wide and good crosses two small ranges of hills in latter half of stage, pass Baruda at 5½ and Kalpi at 8 m.
		AMETA 280 x 100 yds	16½	70	A small village, supplies procurable, plentiful good water from 4 wells in vicinity of C.G., site for which is S of road, just before reaching village, country cultivated with patches of jungle and low hills on either side, road as above, cross the Parman R. (impassable for a few days in rains) at 4, by causeway, pass Ahlera at 6½, and cross the Ghar (fordable except after heavy rain) at 11½ m.
		ASNAUR 280 x 160 yds.	8½	78½	A village, supplies procurable, plentiful good water from 2 wells close to, and (for animals) from the Ujar stream, ½ m W of C.G., site for which is W of road, just before reaching village, country cultivated with thick jungle in places and low hills; road as before, pass Dongargoon at 4½ and Talwan at 6½ m.
		JHALRAPATAN p. a. 1-3	10½	89½	A large walled town, capital of the Jhalawar State, with hill fort commanding it supplies abundant, plentiful good water from wells near C.G., site for which is ½ m. off road, country mostly cultivated, road as before, pass Rupat at 8½, cross the Kali Sind R at 6, by causeway in dry season, by ferry in rains and pass Bagdar at 8½ m.
	Fol Agent, Resident at Jhalrapatan	BILWARA	6½	96½	A village on both banks of the Ahu, supplies must be collected, plentiful good water from 6 wells near C.G., site for which is opposite village and about 400 yds from the river, where animals might be watered, country and road as in last stage, pass Balauti at 3½ and Singania at 6½ m.
		OSARA 160 x 80 yds	9½	107½	A village, supplies must be collected, plentiful good water from 3 wells near C.G., site for which is S of and close to village, country and road as before, cross the Ahu on starting by causeway impassable for a few days in rains, pass Pipila at 8 and Kalakleri at 8½ m.
		BHANPURA 200 x 80 yds.	9½	117½	A large walled town, supplies abundant, plentiful good water from 4 wells and a nullah near C.G., site for which is E of and near town, country and road as above, pass Osara at 4 and Numbhar at 8 m, at this point the road skirts side of high scarped hill
		TEHLA	10½	128	A small village about 1 m. from right bank of the Chambal R; supplies must be collected, plentiful good water from wells in vicinity of C-G, site for which is near village, country cultivated for 6 m., thence waste open land, road as above, pass Sandarpur at 2½, Jhauila at 6, and Dabla at 10 m, cross several nullahs en route
	Political Agent, Kotah, Kutch	Total marches, 12 =			
		136 m.			

Route No. 294.

FROM GORAKHPUR TO CHAPRA.

and GAURIBAZAR, SALEMUR, AND MANJHI

AUTHORITIES		Names of stages and place of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Outh District, Lucknow	Collector of Gorakhpur, Gorakhpur	ADA MOTIHAM	10	10	A village, supplies procurable, good water, for a bath from a well W of C.G., small site for which is N of road and near village, country partly wooded and cultivated forest from 6½ to 8½ m; road raised, bridged but unmetalled, flooded and unfit for traffic during the rains, runs parallel to the S and N-W Rg., across an arm of the Ramganga Tal (bridge will not bear heavy traffic) on starting the Karna (temporarily bridged) at 6 and the Parna nullah at 8 m. this nullah is difficult to cross as it is only fordable when the stream falls to 2 or 3 ft., and the bed is soft
		GAURIBAZAR 14 600 sq yds p. a. 2-2	11½	21½	A village, supplies procurable; good, but limited water from a well E of C-G., site for which is N of road, and near village, country and road as above; pass Chauri Chauri 2-2 at 6 m, and cross the Minghans stream at 10 m
		DEORIA 43,800 sq yds p. a. 1-5 r-s b	10½	32	A large village; supplies plentiful, good water, for a bath, from a well and tank on C-G, which is W. of road and near village country and road as above, cross the Nalka (strongly bridged) at 2½, and the Harman nullah (temporary wooden bridge during the rains) at 6 m; the bed of the latter is soft and uneasy, when there is more than 2 or 3 ft. of water
		MUSAILA 43,370 sq yds.	11	43	A small village, supplies procurable, good water, for a bath from a well on C-G, which is near village, country as before, road as above, but very heavy in parts and nullahs fordable only during the dry season, pass Parna Musaila at 4½ m.
		SALEMUR 16,275 sq yds. p. a.	8	51	A village near right bank of the Ghata Gaudak; supplies procurable; good water, for a bath from a well on C-G, site for which is S of and close to village, country and road as in last stage, pass Parnan at 2 m

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Saran, Chapra.	GUTHNI 19,710 sq. yds.	11	62	A small town on left bank of the Chota Gandak, near its confluence with the Gogra; supplies on notice; good water, for a battn., from 2 wells 180 yds. W. of C-G., site for which is E. of road and about $\frac{1}{2}$ m. S.E. of the bazar; country cultivated; road unmetalled but raised and tolerably good in dry season; cross the Chota Gandak at end of stage, by ferry carrying 30 men; bridge-of-boats can be made on notice.
		DARAUJI . . .	9	71	
		RAGHUNATHPUR . . .	11	82	Country swampy in places; road runs near left bank of the Gogra, tolerable in the dry season, but bad for wheeled traffic during the rains, as it is unmetalled and unbridged.
		SISAWAN . . .	9	91	
		MANJHI . . .	14	105	See Route 63.
		CHAPRA . . .	11	116	
		Total marches, 11 = 116 m.			For other remarks see Route 62.

Route No. 294(a).

FROM GORAKHPUR TO CHAPRA.

via KASIA AND SIWAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Gorakhpur, Gorakhpur.	JAGDISPUR 185 x 156 yds.	10	10	A village; supplies procurable; good water, for a battn., from a well on the ground and (for animals) from the Pharend stream, on the right bank of which is C-G.; country mostly forest; road partly raised and bridged, metalled to 4th milestone, 40 to 60 ft. wide, difficult for wheeled traffic in the rains; cross the Ramgarh Tal (bridged, but weakly so) at 3 and the Tara nullah (iron bridge, passable for artillery) at 8 m.
		BHAGNATH . p-o.	18	28	
		KASIA . 19,360 sq. yds. p-o. t-s. b.	11	39	A village; supplies procurable; good water from 3 wells at the N.E. corner of C-G., which is S. of road; country and road as in last stage; cross the Chota Gandak at $\frac{1}{2}$ m., fordable, except in rains, when there is a ferry, also cross a nullah (ferry, one small boat, in rains).
		KAZIPUR (FAZILNAGAR) 230 x 170 yds. p-o.	11	50	
		BHAGIPATI . 69,690 sq. yds.	5	55	A village; supplies on notice; limited supply of good water from a well near S-W. corner of C-G.; country and road as before; cross the Kunua nullah at 6 m., by ford in dry season, by ferry (1 small boat carrying 5 men) in rains.
		BUTHUA . 89,250 sq. yds.	12	67	
		MIRGANJ . p-o.	11	78	A village; supplies procurable; good water from wells in proximity of C-G., small site for which is $\frac{1}{2}$ m. W. of village; road unmetalled, but bridged and in good order.
		SIWAN . 16,240 sq. yds. p-o. t-s. r-s. b.	11	89	
		SONAPIPUR 12,800 sq. yds.	8	97	A village; supplies on notice; water from 2 wells close by C-G., site for which is $\frac{1}{2}$ m. E. of Paobrukhi r-o.; country as before; road for first 2 m. metalled and bridged, remainder unmetalled.
		EKMA . 165 x 100 yds. p-o. r-s. b.	10	107	
		BANWAR .	8 $\frac{1}{2}$	115 $\frac{1}{2}$	A small village; supplies must be collected; abundant water from a well close to C-G., small site for which is at 12th mile of the Chapra-Siwan road; country fairly cultivated; road as in last stage.
		CHAPRA .	14 $\frac{1}{2}$	130 $\frac{1}{2}$	
G. O. C. Allahabad District, Allahabad.	Collector of Saran, Chapra.	Total marches, 12 = 124 $\frac{1}{2}$ m.			See Route 52.
					Country as above; road, bridged throughout, unmetalled as far as Revdiganj, 8 $\frac{1}{2}$ m., thence metalled.

Route No. 295.
FROM GORAKHPUR TO MUZAFFARPUR.
via KASIA, SIWAN AND BASANTPUR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Outh District, Lucknow	Collector of Gorakhpur, Gorakhpur	JAGDISPUR .	10	10	See Route 294(a).
		BHAGNATH .	13	23	
		KASIA .	11	34	
		KAZIPUR (FAZILNAGAR)	11	45	
		BHAGIPATI .	5	50	
	Collector of Saran, Chapra	BUTHUA .	12	62	A village; supplies on notice from Mahabanganj; abundant good water from a well on C-G., which is in a mango grove 1 m. N-W of village; country open, level and well cultivated, road unmetalled, but good and passable for all arms, crosses the Gandak Nadi (bridged) near end of stage
		MIRGAJ .	11	73	
		SIWAN .	11	84	
		SESAPUR (BALLIAH) 14,970 sq yds	10½	94½	
		BASANTPUR 116 x 100 yds	9½	104½	
G. O. C. Allahabad District, Allahabad.	Collector of West Turah, Muzaffarpur	MAHARAJ 186 x 190 yds p-o	10½	115	A village; supplies on notice; good water, for 600 men, from 2 wells, one on the ground and the other 200 yds. W of main road, C-G ½ m. W of thana; country and road as above.
		SOHAGPUR .	9	124	A village on left bank of the Gandak R; supplies to be collected, abundant good water from 2 wells 80 yds E of C-G., small site for which is near the 35th mile stone on the Damargah-Sohagpur road; country as above, road unmetalled and only partially bridged, cross the Gandak at end of stage, 8 boats, carrying 60 men and 1 carrying 20 men, are available.
		BAKRA .	10½	134½	Country and road as above
		MARWAN .	12	146½	See Route 167.
		MUZAFFARPUR .	8½	155½	
		Total marches, 16 = 166½ m			

Route No. 296.
FROM GORAKHPUR TO E GOWLIE.
via KASIA AND PIPRA GHAT.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Outh District, Lucknow	Collector of Gorakhpur, Gorakhpur	JAGDISPUR	10	10	See Route 294(a)
		BHAGNATH	13	23	
		KASIA	11	34	
		KAZIPUR (FAZILNAGAR)	11	45	
		TANKOHI 280 x 160 yds p-o	8	53	
G. O. C. Allahabad District, Allahabad	Collector of Champaran, Mithari	PIPRA GHAT	12	65	A moderate-sized village; supplies on notice, good water, for a battn, from a well and tank in vicinity of C-G., extensive site for which is 1 to 5-K of ghat, country open and well cultivated, road as above, crosses the Gandak (2½ m. from bank to bank) towards end of stage, by ferry carrying 180 men.
		BETTIAH 710 x 110 yds p-o 1-4-1-2	11	76	A large town; supplies abundant, plentiful good water from wells on, and tanks near C-G., which is 200 yds N of village; country open, and well cultivated, road mixed and bridged, but unmetalled.
		MAJHAULIA STN 710 x 110 yds p-o	8	84	A large village, supplies abundant; plentiful good water from a well on, and others near C-G., which is 200 yds. N. of village; country and road as before
		SENGOWLIE .	6	90	See Route 220.
		Total marches, 9 = 93 m			Country and road as above.

Route No. 296(a).
FROM GORAKHPUR TO SEGOWLIE.
 via PADRAUNA and DAGAHA.

101

Administration.		Name of stages and also of connecting roads.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. South District, Lucknow.	Collector of Gorakhpur, Gorakhpur.	PIPERAICH 173.125 sq. yds. p. 1.	11½	11½	A village; supplies procurable; plentiful good water from 2 wells and a stream, on right bank of which, opposite village, is C.O.; country mostly fertile; road raised and bridged, but unmetalled and unfit for heavy wheeled traffic during the rains; cross the Jora nullah at 6 and the Kaspura at 11 m. by temporary bridges, which are unsafe for artillery.
		KAPTANGANI 176.125 sq. yds.	14	25½	A small village; supplies procurable; plentiful good water from a well on C.O., which is near the Chota Gandak; country and road as above; cross a stream at 11 m. by a temporary bridge and the Gandak R. en route by one small boat, carrying 8 persons.
		KAMFOLA 214.400 sq. yds.	9	34½	A large village; supplies procurable; indifferent limited water from a well on C.O., which is in a grove N. of road; country and road as above; cross the Chota Gandak at 2½ by ford in dry season, by ferry (1 boat) in the rains, and pass Bagla at 5½ m.
		PADRAUNA 177.647 sq. yds. p. 10.	8	41½	A large village; supplies procurable; good water, for a bath, from a well on C.O., which is S. of road, and a river village; country and road as above; pass Chandrapur at 5½ m.
		MADHURAN 250 x 160 yds. p. 10.	11	52½	A village; supplies on notice; good water, for a bath, from wells near C.O., which is N. of, and close to village; country as above for first 5 m., thence covered with jungle; road raised and bridged, but unmetalled and much intersected by water-courses; cross the Gandak at 4 m. by ferry, 2 boats carrying 60 tons each.
G. O. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	DAGAHA 229 x 229 yds. p. 10.	0	52½	A large straggling village near left bank of the Gandak; supplies on notice; good water, for a bath, from 2 wells 100 yds. S. of C.O., which is S.E. of village and N. of road; country as above; road, a cart-track, very heavy near the river; cross the Gandak at end of stage, by ferry, one boat carrying 100 men.
		RETIWAL	9	61½	A village near left bank of the Gandak; supplies on notice; plentiful good water from wells and the river, close to which is a confined site for C.O.; country as before; road a cart-track, running parallel to the high bank of the river; cross a nullah (the C.O. is on the right) at 2½ m. and pass Rajwara soon afterwards.
		MUCHGAON 270 x 139 yds.	15	76½	A large straggling village; supplies on notice; plentiful good water, in collection, from 2 wells on and near C.O., which is N.E. of road and close to village; country as before; road very fair; pass Sika at 8 m.
		DETHIAH	10	86½	Country open and well cultivated; road as above.
		MAJHAULIA	1	87½	See Route 296.
		SEGOWLIE	5	92½	See Route 296.
		Total distances, 11 = 104½ m.			

Route No. 297.
FROM GORAKHPUR TO SULTANPUR.
 via JANDA and AKHARPUR.

Administration.		Name of stages and also of connecting roads.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. South District, Lucknow.	Collector of Allahabad, Allahabad.	SAHJANWA	10	10	See Route 291.
		KHALILABAD	10	20	
		KUNDDEWA	10	30	
		CHAUHAT	13	43	A large town; supplies procurable; plentiful good water from wells in vicinity of C.O., site for which is in a mango grove near road; country a mere swamp, with the C.O. all the way; road unmetalled and unbridged, impracticable for wheeled traffic at all times owing to floods and unbridged nullahs.
		JANDA 272.250 sq. yds. p. 10.	7	50	A town, situated about 2 m. from right bank of the Gogra; supplies abundant; good water from the river, and a well on C.O., which is N.E. of road, and near town; country partially cultivated; road unmetalled, but raised, bridged and fit for all arms; cross the Gogra at end of stage, by ferry of 7 boats, only one of which can carry heavily laden carts.
		AKHARPUR	12	62	See Route 296.
		SARAJHI	10	72	Country cultivated and well wooded; road raised, metalled and bridged, fit for all arms; cross the Titra nullah at 4 m., and the G. and R. R. by a level cross, by a level of stage.
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	PIDHI 191 x 550 yds.	9	81	A village; supplies procurable; good water, for a bath, from 2 wells near C.O., site for which is N. of road and close to village; country as above; road unmetalled, but raised, bridged and fit for all arms.
		SULTANPUR	16	97	A large village; supplies on notice; plentiful good water from a large well on, and others near C.O., which is N. of road and near village; country partly cultivated; road as in last stage, but low and winding in places.
		Total distances, 9 = 105 m.			See Route 31. Country and road as above; pass Allahabad at 4½ and Sultanpur at 16 m.; cross the Ghumti towards end of stage, by a wooden bridge, which can bear heavy vehicles singly.

Route No. 298.

FROM GUJRANWALA TO EDWARDSABAD

via BANNAGAR MIANI TALAGANG AND KALABAGH

ACTIVITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS	
Military	Civil		Miles.	Total.		
G O C Rawal Pind District, Rawal Pindi.	By Commr of Gujranwala	KILASKI . . .	11½	11½	A village, supplies on notice, plentiful good water from wells within 100 yds. of village, near which is extensive site for C-G, country level, open and partially cultivated, road 80 ft. wide, unmetalled, but fair and practicable for all arms, cross the Kahl stream at 10½ m	
		BAJNAGAR 29,370 sq yds. p-o t s.	16½	27	A small town near left bank of the Chenab R., supplies preeminent; plentiful good water from wells close to C-G, which is E of and close to town, country and road as before; cross the Chenab canal (bridged) at 11 m	
		RAMMAL . . .	5½	32½	A small village, supplies on notice plentiful good water from wells near C-G, site for which is in fields close to the village, country and road as before, cross the Chenab at 3 m by ferry	
		PEHALIA p-o	10	42½	A large village, supplies on notice plentiful good water from wells close to C-G, site for which is in fields near village, country and road as above, cross the Badhi stream at 6½ m. difficult after heavy rains	
		KUTHIALA SHEKHAN p-o b	9½	52½	A large village, supplies on notice, plentiful good water from a well near C-G, site for which is in fields close to village, country and road as before	
	By Commr of Gujranwala, Sialkot	KATHALA MIANI 80,000 sq yds. b	10½	63½	A village, supplies on notice, plentiful good water from wells close to C-G, which is ½ m W of village; country and road as before; pass Gohar at 6½ m.	
		MIANI . . .	12	74½	Country well cultivated, road as above.	
		PIND DADAN KHAN	7½	82	See Route 7 (a)	
		OHOLA SIDAN SHAH	12½	95½		
		DALELPUR . . .	9	104½	A small village; supplies on notice, good but limited, water from a well E of and close to village near which is site for C-G country undulating and partially cultivated, road as above; pass Kotas at 3 m.	
	Deputy Commissioner of Jhelum	KALLAR-KAHAR 18,400 sq yds p-o	0	110½	A small village, supplies on notice plentiful good water from a stream ½ m from C-G site for which is on N side of a lake (water undrinkable), country, an open pass through low hills, road as above, pass Khadar at 3 m.	
		BHIRPUR . . .	9	122½	A small village, supplies on notice, good but limited water from a spring in bed of nullah ½ m N W of village, near which is site for C-G, country intersected by ravines, road as above	
		TALAGANG . . .	11	133½	See Route 7 Country undulating and rather sandy; road as above, cross the Gahr nullah (impassable in the rains) at 6½ m	
		SINGWALA . . . 38,720 sq yds.	11½	144½	A small village supplies on notice; good but very limited, water from the nullah S. of and close to village, near which is site for C-G, country and road as above, pass Akwal at 8½ m	
		TAMDIAN p-o b	8	152½	A large village supplies plentiful abundant good water from wells and the bed of the Ankar stream, on left bank of which near village is site for C-G, country and road as above; cross the Ankar stream (bed sandy and heavy) at end of stage	
	G O C Punjab Frontier Force, Abbottabad	Deputy Commissioner of Rawal, Edwardsabad.	SHAH MUHAMMAD- WALA	12	164½	Country flat, but intersected by ravines, road as above; cross a nullah (difficult for carts) at end of stage
			NIKI . . .	10	174½	
			MARI . . .	17	191½	
			KALABAGH . . .	8	199½	
			KANARMASHANI	14½	209½	
ISAKHEL . . .			14	223½	See Route 4.	
DARRA TANG . . .			8	230½		
LAKI . . .			16½	247½		
NAURANG SARAI.			15	262½		
EDWARDSABAD			16	278½		
		Total marches, 25 =				
		278½ m				

Route No. 299.

FROM GUJRANWALA TO JHANG.

via JALALPUR, PINDI-BHATTIAN AND CHINIOT

ACTIVITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS
Military	Civil.		Miles.	Total.	
G. O. C Rawal Pind District, Rawal Pindi.	By Commr of Gujranwala, Gujranwala	KILA-DIDAR SINGH p-o	9½	9½	A small municipal town, supplies on notice, plentiful good water from well within 100 yds of C-G, extensive site for which is near village, country level open and partially cultivated road metalled and suitable for all arms
		BADDOKE-GUSAIN p-o	8	17½	A village; supplies on notice, plentiful good water from wells within 100 yds. o village, near which is extensive site for C-G, country and road as above.

ADMINISTRATIVE		Name of station and site of accompanying goods.	DISTANCES.		REMARKS.
MILEAGE.	Civil.		Miles.	Total.	
O. O. G. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Gujranwala, Gujranwala.	HAFIZABAD 84.30 sq. yds. p.s. r.s.	13	301	A large village; supplies procurable; plentiful good water from wells near village, E. of, and close to which is C.G.; country and road as before; pass Mangat at 7 1/2 m.; country as above; road 60 ft. wide, unmetalled, but suitable for all arms. There is another route from Kila-Didar-Singh to Hafizabad, called the new road, which makes the following stages:— Dera Daudha Nam 8 m. Hafizabad 10 m. 10 m.
		JALALPUR 118.50 sq. yds. p.s.	18	489	A small town; supplies procurable; plentiful good water from a well on, and others near C.G., which is W. of and close to town; country and road as above; pass Rampur at 13 m. and join the Warisabad-Jhang road at end of stage.
		PINDI-PHATIAN 116.210 sq. yds. p.s.	131	721	A small town; supplies procurable; plentiful good water from a well on, and from others near C.G., which is W. of town and road; country and road as above; cross a nullah (bridge) at end of stage.
		SHEKHAN 500 x 270 yds.	10	731	A village; supplies on notice; plentiful good water from a well W. of C.G., which is about 2 m. N.E. of village; country well cultivated; road 60 ft. wide, unmetalled, but fair and suitable for all arms, though sandy in parts; pass Mader Ali at 6 m.
		CHILNOT 415 x 240 yds. p.s. r.s.	12	843	An old town; supplies abundant; plentiful good water from 3 wells on C.G., which is N.E. of, and close to town; country and road as above.
		BUKHARI 224 x 328 yds.	91	934	A village; supplies on notice; plentiful good water from a well N. of C.G., which is E. of and close to village; country and road as above; pass Navda at 6 1/2 m.
		BHAWANA 450 x 780 yds. p.s. r.s.	141	1075	A large village; supplies on notice; plentiful good water from a well on C.G., which is W. of and near village; country open with cultivation to the W., desert and jungle to the E.; road as above; pass Barkhardar at 10 1/2 m.
		KHIWA 400 x 270 yds. p.s.	14	1219	A village; supplies on notice; plentiful good water from a well W. of C.G., which is N.E. of and close to village; country open, with thin jungle and partial cultivation; road as above.
		JHANG p.s. r.s.	131	1350	A small civil stn. about 2 m. from left bank of the Chenab; supplies abundant; plentiful good water from a well on C.G., small site for which is S. of town; country and road as above; pass one well en route.
		Total marches, 11 = 127 m.			

Route No. 300.
FROM GUJRANWALA TO MONTGOMERY.
AS SHEKHUPURA, SAYADWALA AND GUGERA.

ADMINISTRATIVE		Name of station and site of accompanying goods.	DISTANCES.		REMARKS.
MILEAGE.	Civil.		Miles.	Total.	
O. O. G. Lahore District, Meeran Meer.	Deputy Commissioner of Gujranwala, Gujranwala.	MAJRU CHAK p.s.	17	17	A small village; supplies on notice; plentiful good water from wells 100 yds. from village, near which, on cultivated land, is site for C.G.; country level, open and cultivated; road 60 ft. wide, unmetalled, but fair and suitable for all arms; pass Mohan's at 7 m.
		SHEKHUPURA 172.00 sq. yds. p.s. r.s.	16	33	A small town; supplies procurable; abundant good water from wells, one on, and others in vicinity of C.G., which is S.E. of and near town; country open and partially cultivated; road as above; pass Beggar at 7 m. There is a metalled road from Sheikhpura to Lahore, distant 22 m.
		KORANPUR .	13	46	A village; supplies on notice; plentiful good water from a well close to village, in vicinity of which is ample site for C.G.; country as before; no distinct road, it being overgrown with jungle, but practicable for all arms.
		MANGTANWALA p.s.	121	267	A village; supplies on notice; plentiful good water from a well near C.G., site for which is close to village; country and road as above; cross the Deg at 6 1/2 m.; by ford in dry season by boat in rains, no regular ferry.
		KUCHEKE .	121	71	A large village; supplies on notice; plentiful, but in different water from wells all round village, E. of which is site for C.G.; country low with rice cultivation; road unmetalled, but fit for all arms.
		SAYADWALA p.s.	17	88	A small town; supplies plentifully abundant good water from wells close to town; site for C.G. near police stn.; country and road as above; pass Laidaghar at 7 m.
		JANDRAKA .	2	90	A large village; supplies on notice; plentiful good water from a licensed wells; site for C.G. near p.s.; country jungle with occasional cultivation; road as above; cross the Bari at half-way, by ferry, one boat carrying 80 men, and other boats obtainable.
		GUGERA p.s. r.s.	10	100	Formerly a small civil stn., supplies on notice; plentiful good water from wells near by, close to which and 2 m. E. of village is site for C.G.; country and road as above; pass Feroz at 2 1/2 m.
		AERAE .	6	106	Country jungle; road as before.
		KAURA SHAH p.s.	10	116	(See Route 257.
		MONTGOMERY p.s.	10	126	
		Total marches, 11 = 129 m.			

ROUTE NO. 301.
FROM GUJRAT TO MONTGOMERY.
 via RAMNAGAR, HAFIZABAD AND GUGERA.

ACTUARIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Raval Pind District, Raval Pind	Deputy Commissioner of Gujrat.	KUNJAH p-o	8	8	A small town, supplies on notice; plentiful good water from wells in vicinity of G.G., site for which is in fields near town; country level, open and well cultivated, road 80 ft wide, unmetalled, but suitable for wheeled traffic; cross the sandy bed of the Bhimbar stream (heavy in rains) at 8 m.
		JOKALIAN p-o	14	22	A village near right bank of the Chenab; supplies on notice; plentiful good water from wells in vicinity of G.G., site for which is in fields near village; country and road as in last stage; pass Maggawal (p-o) at 5 m.
		RAMNAGAR.	7	29	See Route 298
		GAJARGOLA. r-s	11	40	Country and road as before; cross the Chenab R. soon after starting by ferry. A small village, supplies on notice; abundant good water from wells within 100 yds of village, near which is site for large G-G; country and road as before; pass Akalgarh at 5½ m. The r-s is 3 m. S.E. of village.
		HAFIZABAD.	10	50	See Route 289.
G O C. Lahore District, Muzam Meer.	Deputy Commissioner of Gujratwala, Gujratwala	KHANGAIH. DOGRAN. 123,180 sq yds p-o. t-a.	18	68	Country and road as before
		KARKAN p-o.	14	82	A village, supplies on notice; abundant good water from wells in vicinity of G-G, which is S-W of and close to village; country partially cultivated; road unmetalled, but bridged and suitable for all arms; pass Lakhyana at 5½ m.
		GARBA.	12½	94½	A large village, situated in the "Bar" jungle, supplies on notice; plentiful good water from wells within 100 yds of village, near which is site for G-G; country jungle; road as before.
		LANDIANWALA.	10½	105	A small village; supplies on notice; good, but very limited water, from 2 wells near G-G, site for which is close to village; country and road as before.
		SATADWALA.	14	119	A large village, supplies on notice; plentiful good water from wells in vicinity of G-G, site for which is close to village; country and road as before.
		JANDRAKA.	5	124	Country jungle at first, but partially cultivated at end of stage; road as above.
		GUGERA.	10	134	See Route 300.
		AKBAR.	6	140	For other remarks, see Route 300.
		KAURA SHAH.	10	150	See Route 357.
		MONTGOMERY.	10	160	
		Total marches, 15 = 160 m.			

Route No. 302.
FROM GUJRAT TO SHANPUR.
 via MUNG AND MIANI.

ACTUARIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Raval Pind District, Raval Pind	Deputy Commissioner of Gujrat, Gujrat.	From the encamping ground to—			
		DULANWALA.	8	8	A village; supplies on notice; plentiful good water from a well close to G-G, extensive site for which is in fields near village, country level, open and well cultivated, road about 80 ft wide, unmetalled, fair, and suitable for all arms; cross 3 nullahs en route, by strong wooden bridges.
		DINGA. 20,490 sq yds. p-o r-s	13	21	A large town, supplies on notice; plentiful good water from a well just outside G-G, which is N of town, country and road as above; pass Sagur at 6½ m.
		MUNG. 10,775 sq yds. p-o.	12	33	A village; supplies on notice; plentiful good water from 3 wells near G-G, site for which is close to village; country and road as above; pass Chhilianwala (p-o) at 7 m.
		BADSHAHPUR. 70,000 sq yds. p-o b	15	48	A village, supplies procurable, plentiful good water from wells in vicinity of G-G, which is S. of, and close to village, country and road as above. Nearest r-s is Harra, 8 m. E. of Badshahpur.
		MIANI.	11½	60½	Country and road as before, but latter only suitable for wheeled traffic to dry season, as some parts are under water in the rains, owing to a breach in the canal.
		BHEERA.	9	69½	
		CHAK-RANDAS.	11	80½	See Route 7(e).
		JHAWARIAN.	8½	89½	
		SHANPUR.	11	100½	For other remarks, see Route 7.
		Total marches, 9 = 99½ m.			

Route No. 303.
FROM GUJRAT TO SRINAGAR.
via BHIMBAR AND THE FIR PANJAL PASS.

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AUTHORITIES.		Notes of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Raval Pindl District, Rawal Pindl.	Dr. Commr. of Gujrat, Gujrat.	DAULATNAGAR P.o.	12	12	A large village; supplies abundant; plentiful good water from wells in the vicinity of village, near which is site for C-G.; country level, open and fairly cultivated; road about 80 ft. wide, unmetalled, but fair and suitable for all cars; pass Harbaspur at 4, and cross the Bhander nullah (impassable after heavy rain) at 8½ m.
		KOTLA P.o.	7	19	A small village; supplies abundant; plentiful good water from wells in the vicinity of village, in fields near which is site for C-G.; country and road as above; pass Buzurgwal at 2½ and Sabar at 4 m.
		BHIMBAR P.o. h.	8½	27½	A small town, situated at the foot of the low hills; supplies and good water abundant; country as above; road very fair, nullahs difficult after heavy rain; leave the Gujrat district about half-way; the road here crosses the N-E. end of the Pabbi hills.
		SATNARAD b.	14	41½	A very small village; supplies procurable; water abundant; good C-G.; country as above; road difficult in places for laden animals; follow up the valley of the Bhimbar stream, which is crossed and re-crossed repeatedly for 3 m., then ascend the Adatuk range near Samani. The b. is just beyond the village, and the Samani sarai ½ m. N-E. of it.
		NAOSHERA b.	12	53½	A stone-built town, situated on an open plain above the right bank of the Tawi R.; supplies and water abundant; country undulating and partially cultivated; road mostly good, but rough and steep in places; the b. is in the Baoli Bagh.
		CHINGASS SARAI b.	14	67½	A small straggling village, situated on a table-land above the right bank of the Tawi R.; supplies scarce; water procurable; C-G. cramped; the road lies the whole way along the valley of the Tawi, bounded on both sides by low wooded hills. There are two paths: the lower and shorter, which follows the bed of the river, is very rough, and only fit for walking; the upper or pony road passes mostly along the right bank of the river crossing about ten low spurs of rough slaty rocks. An old sarai and the b. overlook the river, about ½ m. from village.
		RAJAORI (RAMPUR) b.	14	81½	A partly walled town, situated at the foot of a low range of hills overlooking the Tawi; supplies abundant; water from the river; the road is easy, continuing up the left bank of the Tawi; there are, as before, two paths, an upper and a lower one; the usual road crosses the Tawi by a ford ½ m. below the town; but if the river is very high, it is necessary to continue up the right bank of the river; the b. is situated on the left bank opposite the town.
		THANNA MANDI b.	14	95½	A small place; supplies procurable; water abundant; C-G. cramped; if it is intended to encamp on the right bank of the Tawi near the town, the river must be forded about 1 m. N. of Rajaori; if on the left bank opposite the town, the road continues up the valley of the Tawi; both river and valley become narrower and the hills on each side more lofty; the b. is situated on the hill-side above the right bank of the stream.
		BARAMGALA	10	105½	A small village, situated on a small elevated ridge between the Purnoi and Suran streams; supplies scarce; water abundant; the first half of this march is a continuous but tolerably easy ascent, mostly through open forest; the other half a similar but more gradual descent through thick forest; about 1 m. from Thanna Mandi the Punch road branches off to the W, and from this point to the small village of Ajandad, high up to the E, the Tawi has to be forded several times; there are several huts on the summit of the pass (elevation 8,200 ft.) which is reached at about 5 m.; just before reaching Baramgala, the Purnoi, an impetuous torrent, is crossed by a wooden bridge; accommodation may be obtained in a small square mud sarai; in winter the snow lies very deep at Baramgala.
		POSHIANA	10	115½	A small village; supplies scarce; water procurable; the only place for pitching tents is on the flat tops of the houses; the road lies up a deep narrow defile which is traversed by the Suran or Chittapani R.; after a gentle ascent it descends to the bed of the stream, which during the rains is a rapid torrent; it then continues for about 5 m. mostly along the rocky bed of the stream, but crossing and re-crossing it by rough wooden bridges about thirty times; at 9 m. it makes a steep ascent above the right bank of the stream and passes up to the village, which is situated about half-way up the steep, grassy side of the lofty mountains.
Kashmir Territory.	Resident in Kashmir, Srinagar.	ALIABAD SARAI	11	126½	A halting place; supplies scarce; water procurable; for the first 1½ m. the road is easy, lying along the side of the mountain; it then descends to the Ramtikki, a small open space on the bank of the river available as a C-G.; it then crosses the Chittapani for the last time, and leads to the Nillana valley, at the upper end of which the ascent of the Fir commences; when clear of snow, the ascent, though steep, is easy enough, as the road is good and carried up by zigzags; on the summit of the pass there are a few huts, and an octagonal tower of no strength, built of stone and loopbeled; the top of the pass (elevation 11,400 ft.) is reached at about 6 m.; it is a fine grassy plateau about ½ m. wide, sloping gradually down to the Aliabad Sarai over a very good road. The Fir Panjal pass is generally closed by snow in November, and opens again in April or May, according to the season; there is another path from Rajaori by the Darhal pass which makes the following stages:—
					Darhal 12 m. Beloh 7 " Aliabad Sarai 12 "
					TOTAL 31 m.
		HIRPURA	12	138½	But this should not be attempted until June. A small and scattered village, situated in the middle of a valley about ½ m. wide; supplies and water procurable; ample space for C-G.; the road runs down a valley which gradually widens, and along the left bank of a roaring torrent which flows several hundred feet below; at first it is undulating, sometimes steep and rather rough; the walled portion of the road, which extends about 2 m.

AUTHORITIES		Name of stages and site of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
Jhelum Territory	Roads 4 in Kashmir, Srinagar.	SHAPIYON b.	8	140½	from the sarai, is called Lal Golan and is built out from the almost perpendicular ends of the mountain overlooking a deep precipice, pass Dabji, where there is good ground for C.G., but no coolies or supplies; at 9 m. across the Jupri which is unfordable by a wooden bridge and through a thick pine forest by the bank of the stream to Hirpara, some accommodation may be obtained in the old Moghal Sarai situated at the southern end of the village
		KAMU b	12	159½	A large town, supplies and water abundant, C.G. ample; road level and smooth along the right bank of the Rembiera; the valley gradually widens and debouches into the plain of Kashmir before reaching Shapiyon
					A considerable village situated under a low range of hills; supplies and water plentiful site for C.G. on the table-land about 3 m. beyond; the road lies over low irrigated lands to the Rambara, which flows in several streams, some of which are bridged, the bed is about 2 m. wide, covered with boulders, about 2 m. further on the road crosses the Mekand, it then runs along the foot of low hills which slope down to it to Shajiyamurg an old sarai about 7 m. from Shapiyon, about 2 m. further on it descends to the Ramchu R., which is a small stream of cold water, several branches through a rich and narrow valley between two table lands, it then ascends and shortly leads to an old Diaransala, or rest-house.
		SRINAGAR P.O.	18	176½	See Route 8. Road tolerably smooth and level throughout; at 2½ m. it ascends the table-land; pass Khaspur, where a halt may be made if desired, at 6, and Walker at 11 m., thence to Srinagar the road is a made one through a poplar avenue on the right bank of the Dudhi Ganga, passing the Ramnagh sarai and the temple containing the ashes of Maharajah Gulab Singh, it enters Srinagar at the S-E corner of the city close to the Sher Gacha
		Total marches 18 = 176½ m			

Route No. 302(a).
FROM GUJRAT TO SRINAGAR.
OR. PUNOH. THE HAJI PIR PASS AND BARAMULA.

AUTHORITIES.		Names of character and size of remaining grounds	DISTANCE		REMARKS														
Mill (ary)	Cell.		Miles	Total															
G. O. C. Havel Raidi District, Rawal Pindi	by General, Gujrat.	DAULATNAGAR	12	12	See Route 303.														
		KOTLA	7	19															
		BHIMBAR	8½	27½															
		SAIDABAD	14	41½															
		NAOSHERA	12	53½															
		CHINGASS SARAI.	14	67½															
		RAJAOBI (RAMPUR.)	14	81½															
		THANNA MANDI.	14	95½															
		SURAN b	16	111½															
		PUNCH b	14	125½															
Resident at Kashmir, Srinagar																			
Peshawar Territory																			
					A small village with a police stn., in which a small garrison is usually quartered; supplies scarce; good water procurable; country hilly, road fair, with frequent ascents and descents, a small stream has to be crossed about half a dozen times, at 1 m. on the road to Srinagar by Shapivon turns off, cross the Rutton Pir Spur elevation 8,200 ft.														
					A small town, (elevation 3,800 ft.) situated in the valley on right bank of the Punch Tawi, just above its junction with the Utiari, supplies and good water abundant, the road continues along the Suran valley, crosses the river by a ford just oppo to Suran, and thence passes the whole way along its right bank. The first 5 or 6 m. lie over level turf covered with low jungle, the remainder through corn and rice fields, cross the Manda R. about half-way by ford; paths leading into Kashmir by the Firozpur, Zambit, Ishta Maidan, Chur Gali, Mirpur, and Sang Saffed passes, lie up the valley of this stream. The dak h. is situated 1/2 m. S. of Manda R. and 1/2 m. S. of the station, about a mile beyond the town.														
					The marches from Sandabad to Punch may be made as follows, by avoiding Rayoor, viz.:-														
					<table><tr><td>Dharmal</td><td>15 m</td></tr><tr><td>Koti-v-rutti</td><td>5 "</td></tr><tr><td>Koti.</td><td>15 "</td></tr><tr><td>Sira</td><td>17 "</td></tr><tr><td>Punch</td><td>10 "</td></tr></table>	Dharmal	15 m	Koti-v-rutti	5 "	Koti.	15 "	Sira	17 "	Punch	10 "				
Dharmal	15 m																		
Koti-v-rutti	5 "																		
Koti.	15 "																		
Sira	17 "																		
Punch	10 "																		
					There is a route from Punch across the hills which makes the following stages, viz.:-														
					<table><tr><td>Manda</td><td>8 m.</td></tr><tr><td>Gagrien</td><td>8 "</td></tr><tr><td>Gagrien</td><td>13 "</td></tr><tr><td>Firozpur</td><td>12 "</td></tr><tr><td>Lalpora</td><td>8 "</td></tr><tr><td>Srinagar</td><td>10 "</td></tr><tr><td>Total</td><td>58 m.</td></tr></table>	Manda	8 m.	Gagrien	8 "	Gagrien	13 "	Firozpur	12 "	Lalpora	8 "	Srinagar	10 "	Total	58 m.
Manda	8 m.																		
Gagrien	8 "																		
Gagrien	13 "																		
Firozpur	12 "																		
Lalpora	8 "																		
Srinagar	10 "																		
Total	58 m.																		

AUTHORITIES.		Names of stages and time of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Resident in Kashmir, Srinagar.	KAHUTA . . .	12	137½	This latter is a very direct and much frequented route; laden coolies can go easily in six days from Poonch to Srinagar. The pass is generally open from May to December, and it is sometimes crossed as late as December in favourable weather.
		b.			A small village, situated at the foot of a range of hills about 200 ft. above the right bank of the Bitrah; supplies and good water procurable; country hilly; road fair, following the course of the Bitrah, which it crosses and re-crosses several times by ford.
		ALIABAD . . .	9	146½	A small village at the foot of the Haji Pir pass (elevation 8,500 ft.); supplies and coolies scarce; good water plentiful; country as above; road an ascent, occasionally very rough and steep; adjoining b. are the ruins of an old sarai.
		HYDRABAD . . .	8	154½	A very small village; supplies and coolies very uncertain; good water procurable; the road makes a steep ascent for 3 or 4 m. on one side of the mountain and a similar descent on the other; the descent is rough, and in some parts merely a passage between the rocks; the path continues through dense forest down to the bottom, where a mountain torrent, which flows along a deep gorge on the left, has to be forded at end of stage.
		URI . . .	14	168½	A village (elevation 4,425 ft.) with a small old-fashioned fort 200 yds. E. of camp, which it commands, but is commanded by a hill 400 yds. to S.W.; supplies and good water procurable; country mountainous; the road continues along the side of the valley on left bank of the Shah Kabuta stream (bridged) the whole way, till the confluence of that stream with the Jhelum is reached; at Uri the road from Murree joins in.
		170 x 160 yds. p-o. t-s. b.			
		NAOSHERA . . .	14	182½	A small village; just below it there are two old Sikh forts, one on each bank of the Jhelum; supplies procurable; good water plentiful; country hilly and well wooded; the road, which continues up the valley of the Jhelum, whose average width is not more than a few hundred yards, is generally fair; pass Urumbu at 10 m.; there is a b. there, and it may be made the halting place between Uri and Baramula. A ruined temple is passed on the right hand; pass Bhanisar and cross the Harpetkai B. (bridged) at 10 m.; there are two dāk b. at Naoshera, both on edge of the river.
		b.			
		BARAMULA . . .	9	191½	Near the village of Kihama, which is passed at 5 m., the valley opens out into a broad, oval, cultivated plain, surrounded by low well wooded hills; the path continues straight on towards the low ridge in front, over which lies the Baramula pass, about 500 ft. above the plain and about 8 m. from Naoshera; the ascent is about ½ m. long. The road is tolerably smooth and easy, although in some parts narrowed by masses of rocks which rise steeply on each side; the top is covered with grass and jungle; boats are always procurable at Baramula, and the journey to Srinagar may be performed by water; the passage up to the Jhelum occupies about 20 km. See Route 8.
		b.			
		PATAN . . .	16½	207½	
		SRINAGAR . . .	17½	225½	
		Total marches, 18 =			
		225½ m.			

Route No. 304.
FROM GURDASPUR TO BAKLOH.
via PATHANKOT.

AUTHORITIES.		Names of stages and time of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. Lahore District, Meera Meer.	Dy. Commr. of Gurdaspur, Gurdaspur.	PARMANAND . . .	12	12	A village; supplies on notice; plentiful good water from a well on C-G, which is marked by boundary pillars; country level and cultivated; road good, metalled nearly all the way; and bridged; pass Dinanagar (p-o. r-s.) at 9½ m.
		78,540 sq. yds.			
		PATHANKOT . . .	11½	23½	A town; supplies on notice; plentiful good water from a well near r-s, opposite which and S. of town is C-G; there is a well on the ground, but the water is brackish; country as above; road unmetalled, but good and strongly bridged; pass Saroa at 7 m.
		25,000 sq. yds. p-o. t-s. r-s. b.			
		SHAHPUR . . .	8½	31½	A village; supplies on notice; plentiful good water from a well near C-G, which is marked by pillars; country as above; road unmetalled, only partially bridged, but good in dry weather; cross several hill torrents, which are impassable when in flood; pass Jagial at 6½ m.
		18,670 sq. yds. p-o. b.			
		DHAR . . .	12½	43½	A small village; supplies on notice; good water plentiful except in dry season; small site for C-G. at foot of a hill, on summit of which is b.; country mountainous; road good and fit for carts in dry weather; pass Darang at 5 m.
Asst. Commr. at Dalhousie, Dalhousie.	DUNERA . . .	b.	10½	54½	See Route 175.
					Country as above; good hill road, strongly bridged and nearly all metalled, suitable for cart traffic; pass Dhar Kalan at 2 and Bhatwar at 6 m.
		BAKLOH . . .	10	64½	See Route 173.
		Total marches, 6 =			Country and road as above.
		64½ m.			

Route No. 305.
FROM GURDASPUR TO CHAMBA.
via PATHANKOT AND SINDHARA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total	
G O C. Lahore District, Meera Meer	Dy Commr of Gurdaspur Supt. of Chamba Chamba.	PARMANAND	12	12	Note.—This route is not generally used those via Dalhousie preferred.—Nos. 306 and 174
		PATHANKOT	11½	23½		See Route 304
		SHAHPUR	8½	31½	A village, supplies and coolies procurable, good water from hill streams, small site for C & B of Karnal Khud, 8 m from Dhar, country mountainous, road stony and bad practicable for laden mules, except during rains cross the Ravi at Srinagar by boats or inflated skins. There is a suspension bridge over the Karnal Khud which can bear one loaded camel at a time
		PHANGOTAH	11½	43½		A halt at place supplies on notice, good water from the Ravi, about 300 yds from which and round it is site for C-G, country as above, road only fit for coolies.
		SINDHARA	10	53½	A few houses supplies on notice; good water from hill streams, in vicinity of which is site for C-G, country as above, road practicable for laden mules
		BATRI	12½	66½		See Route 174 Country and road as above
		CHAMBA	14	79½	
		Total marches, 7 = 79½ m.			

Route No. 306.
FROM GURDASPUR TO DALHOUSIE.
via DUNERA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C. Lahore District, Meera Meer	Dy Commr of Gurdaspur Supt. of Dalhousie Dalhousie	PARMANAND	12	12	
		PATHANKOT	11½	23½	
		SHAHPUR	8½	31½	See Route 304
		DHAR	12½	43½	
		DUNERA	10½	54½	For other remarks, see Route 301.
		NYNI KHUD	10	64½	
		DALHOUSIE	19	77½	See Route 175 A small civil hill station and convalescent depot, supplies procurable, plentiful good water from the water-works, site, on which to pitch about 30 E P tents, at 8 m
		Total marches, 7 = 77½ m			

Route No. 307.
FROM GURDASPUR TO DHARMSALA.
via PATHANKOT AND NURPUR.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C. Lahore District, Meera Meer	Dy Commr of Gurdaspur Supt. of Dera, Dharmasala.	PARMANAND	12	12	
		PATHANKOT	11½	23½	
		NURPUR	10	33½	See Route 304
		KOTLA	18½	52½	
		SHAHPUR	11½	64½	Country mountainous road good and metalled as far as the Ghaki R. (strongly bridged) which is crossed at 6 m
		DHARMSALA	12½	77½	
		Total marches, 6 = 77½ m.			See Route 175

Route No. 308.
FROM GURDASPUR TO SIALKOT.
via TRIMMU GHAT AND ZAFARWAL

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ADMINISTRATIVE.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Lahore District, Muzam Meer.	Deputy Commissioner of Gurdaspur.	TRIMMU GHAT 154,880 sq. yds.	10	10	<p>NOTE.—This route is suitable for all arms, except during the monsoon, when the Degh nullah is frequently in flood.</p> <p>A halting place on left bank of the Ravi R.; supplies on notice; plentiful good water from a well on C.G.; which is near ghat; country fairly cultivated; road metalled and bridged; pass Sudda at 5, cross the Kim stream at 6½ and the Nowman at 7½ m.</p> <p>A village; supplies on notice; plentiful good water from wells in village, near which is site for C.G.; country as before; road unmetalled, but good, except near the river; cross the Ravi on starting by ferry.</p> <p>A small village; supplies on notice; plentiful good water from the Den stream, ½ m. from which is site for C.G.; country and road as above; pass Fatchpur at 6½ m. and cross the Den at end of stage.</p> <p>A small village; supplies on notice; plentiful good water from wells in the village, near which is site for C.G.; country and road as above.</p> <p>A large village; supplies abundant; plentiful good water from 5 wells in village, near which is site for C.G.; country and road as before; pass Dhamtal at 5 m.</p> <p>A small village; supplies on notice; abundant good water from wells on C.G., site for which is W. of road and near village; country and road as above; cross the Degh (fordable except after heavy rain) at 3, pass through the old bed of the same stream at 4, and pass Saidwahi at 10 m.</p> <p>See Route 61.</p> <p>Country as above, but liable to inundation during wet weather; road as before, last 3 m. metalled and bridged; pass the direct road to the city of Sialkot at Kala and cross the Ah. (bridge) at 9½ m.</p>
		NAINA KOT 108,600 sq. yds. pro.	4½	14½	
		NAYA KOT 121,000 sq. yds.	8	22½	
		SHANGHARIB 169,720 sq. yds. pro. h.	9	31½	
		ZAFARWAL 170 x 80 yds. pro. h.	9½	41	
		PHILKORA 210 x 280 yds. pro. h.	11	52	
		SIALKOT Church	18	70	
		Total marches, 7 = 6 m.			

Route No. 309.
FROM GURDASPUR TO SRINAGAR.
via MADHOPUR, BASOLI AND KISHTWAR.

ADMINISTRATIVE.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Lahore District, Muzam Meer.	Deputy Commissioner of Gurdaspur.	PAERMANAND	12	12	<p>See Route 204.</p> <p>A village; supplies on notice; good water from the Ravi, ½ m. from which is extensive site for C.G.; country cultivated; road good, passing Saras r.-s. at 7 m. whence it runs parallel to the canal; nullahs fordable except when in flood.</p> <p>A large village; supplies on notice; water plentiful; country mountainous; road very fair; cross the Ravi on starting by ferry.</p> <p>A small town on right bank of the Ravi; supplies and good water procurable; site for C.G. at a tank near fort; country as above; road fair and fit for camels. There is a ferry over the river here.</p> <p>A moderately-sized village; supplies and good water procurable; country as above; road very bad and stony with many ascents and descents.</p> <p>A small village; supplies procurable; good water plentiful; cross the Ramrohan or Chara ridge about 1½ way; country as above; road very bad and quite impracticable for ponies; a steep ascent for 3 m., descent the same.</p> <p>A small village on the Sawa R.; supplies procurable; water plentiful; country as above; road very difficult in places and unfit for ponies.</p> <p>No route; road and water plentiful; elevation of the pass 10,100 ft.; snow lies until about the end of April; country as above; road practicable for laden animals.</p> <p>Country as before; road fair, passable for mule transport.</p> <p>See Route 203.</p> <p>For other remarks, see Route 8.</p>
		MADHOPUR pro. h.	15	27	
		THAIN	15	42	
		BASOLI	12	54	
		PUD	13	67	
		HURTLI	14	81	
		LOANG	6	87	
		CHATTARDAR topal jar.	10	97	
		BHADAEWA	14	111	
		JARA	17	128	
		JOSHNI	14	142	
		KISHTWAR	16	158	
		MUGHAL MAIDAN	14	172	
		SINGPUR	16	188	
		WAKRINGI	16	204	
		WANGAN	12	216	
Kashmir Territory.	Resident in Kashmir, Srinagar.	ISLAMABAD	17	233	
		AVANTIPUR	18	251	
		SRINAGAR	17	268	
		Total marches, 10 = 276 m.			

Route No. 310.
FROM GURGAON TO HISSAR.
 via JHAJJAR, MAHM AND HANSI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. District, Meerut	By Commr of Gurgaon, Gurgaon	FARRUKHNAGAR p-o t-s r-s. h.	13	13	A small town, 1½ m. S of r-s supplies plentiful abundant but brackish water from wells in vicinity of town, in fields near which is extensive site for C-G; country sandy but fairly cultivated, road for the first half is unmetalled but fair, remainder very heavy, crossing a low range of sand hills, pass Okhanda at 6½ and cross the ry at Sultanpur, 10 m
		BADLI p-o b	9½	22½	A village, supplies on notice plentiful good water from 2 wells close to C-G, small site for which is P of and near village country hard sand hills very little cultivated road about 40 ft. wide, unmetalled & unfit for artillery fairly good in dry weather, but very swampy in places in the rains.
		JHAJJAR 32,420 sq yds p o, t-s, h.	9	31½	A town, supplies abundant plentiful good water from 3 wells close to C-G, which is N W of town; country cultivated, road as above There is a direct road from Gurgaon making the following stages — Badli . . . 15 m Jhajjar . . . 16 m
	Deputy Commissioner of Rohitak, Rohitak	DERI 27,880 sq yds p-o t-s b	9	40½	Thus road is only practicable in dry weather as it crosses a large jheel between Gurgaon and Badli which is quite impassable after rains
		KALANAUR 45,880 sq yds. p o, t-s b	14	54½	A town supplies on notice good water from a well and tank close to C-G, which is near town country and road as above.
		MAHM	8½	64	A town supplies on notice, plentiful good water from tanks and wells in vicinity of town, 1½ of which and near Rohitak-Bhiwani road is C-G, country and road as above
		SOREKH	12½	76½	Country and road as above.
	By Commr of Hissar, Hissar	HANSI	12	88½	See Route 191
		HISSAR	14½	103	
		Total marches, 9 = 103 m.			

Route No. 311.
FROM GURGAON TO ROHTAK
 via NAJAFGARH

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. District, Meerut.	By Commr of Rohitak, Rohitak	NAJAFGARH p-o.	10	10	A town supplies plentiful, abundant water from wells in the immediate neighbourhood of C-G, site for which is in fields near town country cultivated, but completely inundated and almost impassable during the rains owing to the overflowing of the Najafgarh Jheel, which is crossed between the villages of Rajghera (4 m) and Okhanda (6 m.), road 25 ft wide, unmetalled, fair in dry weather
		BAHADURGARH.	6½	16½	Country and road as above
		SAMELA	11½	27½	See Route 191.
		ROHTAK	16	43½	
		Total marches, 4 = 42½ m			

Route No 312.
FROM GUTHNI TO DEWAH GHAT. (FOR MUZAFFARPUR)
 via MASHRAK

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Allahabad, Divdr of Allahabad.	Collector of Baran, Chhapra.	DARAULI	9	9	See Route 68 Country swampy in places road, unmetalled, unbridged runs along the left bank of the Gogra, tolerable in the dry season but bad for wheeled traffic during the rains
		ANDER p o.	11½	20½	A village on right bank of the Dahn R; supplies on notice, water from wells on small C-G, which is ½ m N of village, country level open and fairly cultivated; road unmetalled, but raised and bridged, there is an unbridged nullah at Tribhupur fordable in the dry weather, but impassable during rainy season, when troops should march via Pihni and Tribhupur, ½ m longer
		SIWAN	10½	31	See Route 204(a) Country as above, road unmetalled, but raised, bridged and in good order
		SESAIPUR (BAILLIE)	10½	41½	
		BASANTPUR.	9½	51½	See Route 205.
		MASHRAK	10½	62½	

ACCOMMODATION		Name of station and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
N. O. C. Alahabad District, Alahabad.	Collector of Faram, Chapra.	AMNAUR . 11,100 sq. yds. p-o.	13	75	A village; supplies on notice; limited supply of well water; C-G. about 1 m. W. of village; country open and well cultivated; road raised and bridged, but unmetalled.
		PHULWARIA 17,264 sq. yds.	6	83	A small village; supplies on notice; good water from 2 wells near C-G., which is about 1 m. E. of village; country and road as above.
		BEWAH GHAT	4½	87½	The landing stage of a ferry on left bank of the Gandak R.; road unmetalled, fairly good. For other remarks, see Route 157.
		Total marches, 8 = 57½ m.			

Route No. 313.
FROM HAMIRPUR TO JHANSI
 via RATH MAU AND BAWWA SAGAR

AGENCIES		Name of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bandelkhand District Area	Collector of Hamirpur, Hamirpur	LALPURA 78,500 sq yds p-o	10	10	A village; supplies on notice plentiful good water from 7 wells in village and 2 wells on C-G which is 80 yds W of village, country low and cultivated, road unmetalled and partly bridged, heavy and impassable for troops during the rainy season cross the Betwa R at 1 by bridge of boats in dry season, by ferry (4 boats) in the rains, pass Kotevati at 3½ and Puthia at 2½ m.
		BEWAR	11	21	See Route 70 Country and road as above, pass Cham at G, Lodhupar Newada at 8½ m. and the Jalalpur-Manuhs road at end of stage
		MASKARA 83,000 sq yds p-o b	12	33	A large village, supplies on notice plentiful good water from wells on and near C-G which is 100 yds N W of village, country and road as above; pass Chhila at 5 and Bawwa at 9 m. The Jalalpur Charkhari road runs through Maskara
		RATH 187,230 sq yds p-o b	16½	49½	The largest town in Hamirpur District, supplies abundant; plentiful good water from wells and to 1½ m. vicinity of C-G, which is 500 yds N E of town, swampy in rains; country and road as above cross the Betwa R (subject to heavy floods) at 4, by ford in dry season, by ferry (1 boat) in rains and pass Dhacauri at 10 m.
	Dputy Commissioner of Jhansi, Jhansi	GAROTHA 280 x 220 yds p-o b	18	67½	A village, supplies on notice; plentiful good water from 8 wells in village and one on C-G, which is on roadside 600 yds W of village, country as above; road raised and partly bridged but unmetalled and very heavy for cart traffic, swampy and impassable in the rains pass Tola at 7 (see table site for encampment here), cross the Dhasan at 10½ m. by ford in dry season, by ferry (1 boat) in rains and the Pakhira at end of stage by ford
		MARKUA 310 x 230 yds b	9½	77½	A village, supplies on notice, plentiful good water from 3 wells on C-G which is W of road and 130 yds S of village, country and road as above; cross the Pakhira nullah on starting by ford
		MAU 223,400 sq yds p-o s r-s b	15	92½	A town, supplies abundant; plentiful good water from 2 wells on C-G, which is about 1½ m. S E of town, country as above road unmetalled, but raised and bridged cross the ry line at 14½ m. and the Pakhira stream by ford at end of stage; camp may be reached by taking a circuit to the E after crossing the ry, and crossing the stream by a masonry bridge.
		BANGRA 800 x 170 yds b	11½	104½	A small village, supplies on notice; plentiful good water from 1 well on and others close to C-G which is ½ m. from village, near road, country undulating, rocky and chiefly jungle; road good metalled and bridged, cross the Sakni on starting by ford, or by bridge 3 m. E of town
		SAKRAR 400 x 180 yds b	8	112½	A small village supplies on notice; good water from 1 well on, and others near C-G which is ½ m. from village, close to road and at 200 yds. from a small tank where animals may be watered, country a d road as in last stage. Arty r-s is about 6 m. S-W of village
		BAPWA SAGAR 155,000 sq yds. p-o r-s b	10½	123½	A large village, supplies procurable; plentiful good water from wells on and (for animals) from canals near C-G which is ½ m. from village, on roadside, and W of a large lake, country and road as above
		JHANSI	10½	134½	See Route 17 Country and road as above; cross the Betwa R at 8½ m. by ferry (3 boats), impossible during heavy floods; ry bridge 1½ m. up stream but no road to it.
		Total marches, 11 = 132½ m.			

Route No. 313(a)
FROM HAMIRPUR TO JHANSI
 via RATH AND KASHIPUR

AGENCIES		Name of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bandelkhand District, Agra	Collector of Hamirpur, Hamirpur	LALPURA	10	10	For other remarks, see Route 70 See Route 313
		BEWAR	11	21	
		MASKARA	12	33	
		RATH	16½	49½	
		NAKRA 58,080 sq yds	8	58½	A village on the Kewari stream; supplies on notice plentiful good water from the stream and a well 200 yds. from C-G, which is E of road 8 of and close to village the water in the village wells is said to be brackish, country low and cultivated road unmetalled, heavy and swampy in the rains pass Pakhira Ghari at 5 m., and cross the Kewari at end of stage, by ford in dry season, by ferry (1 small boat) in the rains
		PANTVARI 26,000 sq yds. p-o b	4	62½	A village with palloes etc., supplies on notice; plentiful good water from 3 wells on and near C-G which is S of Kulpur at Pantviri road and 200 yds. S E of village; there are 24 wells in, and a tank near village country and road as before; nearest r-s is Harpalpur, 12 m. distant.
		KASHIPUR 21,200 sq yds p-o	18½	70	A village on right bank of the Dhasan supplies on notice, plentiful good water from village wells and the river about 200 yds from which and close to village is C-G. hoisted water in well on the ground country as above road, a cart track, very heavy and flooded in rainy season, cross the Kewari at 3 by ford, except when in flood, pass Bouda at 4 and Dharwar at 11 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Raichakhand District, Agra.	Deputy Commissioner of Jhansi, Jhansi.	MAU	18½	89½	Country and road as above, latter difficult; cross the Dhawan at Laobura Ghat at 3, by ford in dry season, by ferry (1 boat) in the rains, and the Sakui (bridged) towards end of stage.
		BANGRA	11½	101	
		SAKRAR	8	109	See Route 313.
		BARWA-SAGAR	10½	119½	
		JHANSI	10½	130½	For other remarks, see Route 17.
		Total marches, 12 = 130½ m.			

Route No. 314.
FROM HARDWAR TO RAJNAGAR.
via KALAGARH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Colr. of Bijnor.	SHAMPUR 168 x 100 yds. p-o.	7	7	A village on left bank of the Ganges; supplies on notice; good water from a well in village, and from another on C-G., which is N. of village, country covered with jungle; road unmetalled, bad during the rains; the Ganges is crossed as follows:— From November to May, a bridge-of-boats. In October and June, ferry boats. From July to September, river impassable.
	Dr. Commr., Garhwal, Feroz.	LALDANG	9	16	A small village; supplies on notice; good water from the river, near which is extensive site for C-G., country as above; road unmetalled and unbridged, width from 12 to 18 ft.
		HALDAKHUTA	11	27	A small village; supplies on notice; abundant good water from the river, near which is extensive site for C-G., country and road as in last stage.
	Collector of Bijnor, Bijnor.	SANEH	9	36	A small village; supplies on notice; abundant good water from the river, near which is extensive site for C-G., country and road as above.
		PAK RAO 165 x 165 yds.	9	45	No village; supplies on notice; good water, for a battn., from a well on, and (for animals) from a stream 1 m. from C-G., which is close to road; country and road as before; cross the Sonel R. on route.
		MORGHATI	5	50	No village; supplies on notice; good water, for a battn., from a well on C-G., and (for animals) from a stream about 1 m. distant; country and road as in last stage.
	Dr. Commr., Gachawal, Feroz.	KALAGARH	8	58	A halting place situated on the Ramganga R., which is fordable in November; good water from a well on C-G., and (for animals) from the river; country and road as before.
		DHORON 330 x 65 yds.	8	66	A small village; supplies on notice; good, but in summer uncertain, supply of water from a stream N. of C-G., latter close to road; country and road as before, width of latter 10 ft.
		DHOLA 330 x 65 yds.	8	74	A small village; supplies on notice; good water from the Dhela R., near which and close to road is C-G.; country as in last stage; road 13 ft. wide, and as above.
	Dr. Commr. of Naini Tal, Naini Tal.	RAJNAGAR	7	81	A small town; supplies on notice; good water from the river close to C-G.; country and road as in last stage.
	Total marches, 10 = 81 m.				

Route No. 315.
FROM HAZARIBAGH TO BANKURA.
via CHASH AND RAGHUNATHPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Hazaribagh, Hazaribagh.	DIGWAR 10,000 sq. yds.	12	12	A very small village; supplies procurable; plentiful good water from a tank in village and wells on C-G., site for which is in a mango grove 300 yds. W. of village; country undulating; road bad, unfit for wheeled traffic and not now kept up; cross 3 nullahs en route, all fordable except after heavy rain.
		CHATROCHATTI	14	26	
		GUNIYA p-o.	13	39	A large village with police stn.; supplies procurable; plentiful good water from wells 200 yds. E. and 400 yds. S-W. of C-G., small site for which is 400 yds. N. of village; country and road as above; nullahs unbridged, difficult after rains.
		ANGWALI 14,400 sq. yds.	12	51	

ACTIVITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. President's Detachment, Fort William	Deputy Commissioner of Mianbhawan Peshawar.	CHASH . . . p-o	15	66	A village; supplies on notice, plentiful good water from a tank 50 yds S of C-G, small site for which is $\frac{1}{2}$ m W of village, country undulating and jungly for first 12 m, thence open; road an unbridged track, unsuitable for artillery, except in dry season; nullahs and streams, on route, are fordable, except for a few hours after rain
		CHANDAKIARI . .	14	80	A village, supplies on notice, good water from tanks near C-G, small site for which are E. and W. of village, country undulating and open, but jungly in parts, road 20 ft wide, unmetalled, but suitable for all arms, except some of the nullahs, which are unfit for passage of artillery; cross the Lyr. stream at 5 m. fordable except after heavy rain.
		DURRA . . . b.	10	90	A village, supplies on notice, good water from several tanks to vicinity of C-G; sites for which are in small mango groves S and W. of and close to village, country undulating open and cultivated, road unmetalled, but suitable for all arms; cross the Ghorai at 2 and the Hurr at 4, both fordable except after heavy rain.
		RAGHUNATHPUR p-o r-t b	10	100	A village, supplies on notice, good water from tanks on and a well in poles sta $\frac{1}{2}$ m N of C-G, small site for which is $\frac{1}{2}$ m N-W of village, country, road and nullahs as above.
		GAURANGDIHI 12,000 sq yds p-o	10	110	A village, supplies on notice, plentiful good water from a large tank on C-G, site for which is $\frac{1}{2}$ m W of village, country and nullahs as above, road, except for first mile, unmetalled and unbridged but fit for all arms.
		ARRAH . . . b.	9	119	A small village, supplies on notice, plentiful good water from tanks wells and streams N. W. of C-G, small site for which is near b; country open, level and cultivated, jungly in places, road 30 ft wide metalled, and bridged, except over a branch of the Barkas R., crossed at end of stage, always fordable except just after heavy floods.
		CHHATNA . . . p-o	8	127	A small village, supplies on notice; plentiful good water, in dry season, from tanks S-E. and S-W. of C-G, small site for which is N. of road and near village, country and road as above, cross the Bidajore (always fordable) at 1 and pass Dalpur at $\frac{3}{4}$ m.
		BANKURA . .	8	135	See Route 105 Country and road as above
		Total marches, 12 = 135 m			

Route No. 316.
FROM HAZARIBAGH TO CHUNAR.
via THE GRAND TRUNK ROAD AND MOGHALSARAI

ACTIVITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Peshawar District, Fort William	Collector of Hazaribagh, Hazaribagh	SURAJPURA . .	14	14	See Route 114
		DARHI . . .	8 $\frac{1}{2}$	22 $\frac{1}{2}$	For other remarks see Route 114.
		CHORPARAN . .	12 $\frac{1}{2}$	35 $\frac{1}{2}$	
		BALUWA . . .	10	44 $\frac{1}{2}$	
		SARWA . . .	11	55 $\frac{1}{2}$	
		SHERGHATI . .	12 $\frac{1}{2}$	68 $\frac{1}{2}$	
		MADANPUR . .	14 $\frac{1}{2}$	83 $\frac{1}{2}$	
		AURANGABAD . .	14	97 $\frac{1}{2}$	See Route 286.
		BARUN . . .	14	111 $\frac{1}{2}$	
		DEHRI . . .	3	115 $\frac{1}{2}$	
		SASARAM . . .	12	127 $\frac{1}{2}$	
		JEHANABAD . .	15 $\frac{1}{2}$	143 $\frac{1}{2}$	
		MURAXIA . . .	13 $\frac{1}{2}$	256 $\frac{1}{2}$	
		KHAJURA . . .	14	260	
		JAGDIS KI SARAI . .	11	260	
G. O. C. Allahabad District, Allahabad	Collector of Allahabad, Allahabad	MOGHALSARAI 86,000 sq yds p-o r-t	6	166	A large town, at the junction of the O and R. Ry with the Grand Trunk Road; supplies procurable, plentiful good water from a large well at N-E corner of C-G, which is on low ground about $\frac{1}{2}$ m from r-t, country level and tolerably well cultivated, road metalled and bridged.
		CHOTA MIRZAPUR 340 x 250 yds p-o	8 $\frac{1}{2}$	174 $\frac{1}{2}$	A village on right bank of the Ganges, supplies on notice, good water, for a bath, from a well in the garden of the Bajah of Benares, and (for animals) from the river, close to which and near village is C-G, country as before, road unmetalled but bridged, leave the Grand Trunk Road at 2 m.
		CHUNAR . . .	10	204 $\frac{1}{2}$	See Route 102(b). Country as above, road metalled, nullahs not bridged but fordable except after heavy rain.
		Total marches, 18 = 204 $\frac{1}{2}$ m			

Route No. 317.
FROM HAZARIBAGH TO DALTONGANJ (BIJBA).
via LESLIGANJ.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William. Deputy Commissioner of Palamau, Deputy Commissioner of Hazaribagh, Daltonganj.		SILLA ICHAK 14,000 sq. yds. p-o.	14	14	A village; supplies must be collected; plentiful good water from a well and tanks in vicinity of C-G., site for which is in a mango grove W. of village; country for first 7 m. open and cultivated, thence hilly and jungly with occasional clearings for villages; road 20 ft. wide, metalled but unsuitable for heavy artillery; all nullahs bridged, except one which is fordable; pass Boudag at 5 and Bendi at 9 m.
		TUTILUA	10	24	A small village; supplies on notice; good water, for a battn., from a well 70 yds. E. of C-G., site for which is in a small grove of trees 80 yds. W. of village; country open and cultivated, with jungle in parts; road, as above; nullahs, ramped and fordable.
		BALGARRA	10	34	A large village; supplies on notice; plentiful but indifferent water from 2 tanks and a well in vicinity of C-G., small site for which is N. of road and near village; country, road and nullahs as in last stage; pass Simaria (p-o.) at 7 m.
		HUTRU 100 x 100 yds.	13	47	A small village; supplies scarce; indifferent water, for a battn., from a tank and a small well close to C-G., which is N. of road and near village; country as before; road indifferent, not now kept up, only a footpath, unfit for troops.
		LOHARSI	13	60	A village; supplies on notice; fair, but limited, water from a tank and wells in village, E. and W. of which, in mango groves, and on open ground, are sites for extensive C-G.; country hilly with cultivated lands near village and passable with difficulty by all arms; no road at present existing, but it is under construction.
		KUNWAI 300 x 300 yds.	11	71	A village; supplies on notice; fair water from the Amanat R., ½ m. S. of which, in mango groves ½ m. W. of village, is site for C-G.; country undulating, open and partially cultivated; road 8 ft. wide, unmetalled, suitable for all arms in fair weather only; nullahs unbridged, but fordable except when in flood.
		LESLIGANJ 300 x 300 yds. p-o.	12	83	A village and old civil sta.; supplies on notice; plentiful fair water from wells in village and a tank ½ m. W. of C-G., which is on open land ½ m. E. of village; country, road and nullahs (6) as in last stage.
		DALTONGANJ (BIJBA.)	10½	93½	See Route 223. Country, road and nullahs (some strongly bridged) as above.
		Total marches, 8 = 93½ m.			

Route No. 318.
FROM HAZARIBAGH TO DORANDA.
via RAMGARH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William. Collector of Hazaribagh, Ranchi.	Dy. Commr. of Hazaribagh, Hazaribagh.	MANDU p-o. b.	15½	15½	A large village and bazar; supplies on notice; indifferent and limited water from wells and tanks in vicinity of village, close to which is small site for C-G.; country open and cultivated for first 6 m. thence hilly and jungly, with occasional clearing for villages and cultivation; road 20 ft. wide, metalled and bridged, suitable for all arms; cross the Konar at 1½, pass Murangi at 6, cross the Bokaro at 11 and the Dudhi at 13 m.
		RAMGARH p-o. b.	12½	28	A large village; supplies on notice; good water from wells, and the Damoda (quality indifferent in rains), on bank of which is small site for C-G.; country and road as above; pass Nyasrai at 12 m. and cross the Damoda immediately afterwards, by ferry, 1 boat carrying 40 men. The road to Purulia, distant 6 m., branches off S-E. at Ramgarh.
		URNANJHI	14	42	A village; supplies on notice; plentiful good water from wells in vicinity of village, on roadside near which is extensive site for C-G.; country undulating and cultivated; road as above.
		DORANDA p-o. t-z.	14	56	A small cantonment; supplies plentiful; abundant good water from wells in vicinity of cantonments, near which is site for C-G.; country and road as above; at 3 m. a road branches off E. to Gola, distant about 16 m.; pass Bati at 8 m. The civil sta. of Ranchi is 2 m. N. of Doranda.
		Total marches, 4 = 56 m.			

Route No. 319.
FROM HAZARIBAGH TO GAYA.
via BARHI AND MATHURAI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William. Collector of Hazaribagh, Hazaribagh.		SURAJPURA	14	14	See Route 114.
		BARHI	8½	22½	For other remarks, see Route 114. See Route 266.
		CHORPARAN	12½	34½	

AUTHORITIES		Name of stages and size of occupying grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Allahabad District Allahabad	Collector of Gaya, Gaya	BALUWA	10	4 $\frac{1}{2}$	See Route 286
		SARWA	11	5 $\frac{1}{2}$	
		MATHIANI	18	9 $\frac{1}{2}$	See Route 283 Country partially cultivated, road metalled and bridged throughout suitable for all arms across the Lilajon at 1 m., by a permanent cutaway, and pass Dobhi immediately afterwards, where the Grand Trunk Road is left.
		GAYA	10	7 $\frac{1}{2}$	
		Total marches, 7 = 76 $\frac{1}{2}$ m			For other remarks see Route 63

Route No 319(a)
FROM HAZARIBAGH TO GAYA
via CHATRA CHORFARAN AND MATHIANI

AUTHORITIES		Name of stages and size of occupying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Deputy Commisr of Hazaribagh, Hazaribagh.	SILLA IOHAK	14	14	See Route 317
		DOMOL IOHAK 14,400 sq yds	14	28	A village supplies must be collected; good water from wells and the Domol R. 400 yds. E. of which and 4 m S-E of village a site for C-G country very jungle and hilly road, 20 ft wide fit for all arms nullahs ramped on both sides and fordable; pass Leno at 8 m
		CHATRA p-o b	18	46	A large town centre of trade in the Hazaribagh District supplies on notice, plentiful good water from tanks and wells in town about 4 m S of which in a large mango grove, is site for C-G, country road and nullahs as above; pass Lupanga at 4 $\frac{1}{2}$ m From Chatra road branch off N W to Sherghati (see Route 322) and S to Lohardaga distant respectively 30 and 66 m There is another route from Hazaribagh to Chatra which makes the following stages—
					Kukumsandi 14 m Gidbaur 12 Chatra 10 TOTAL 36 m
		PITIJ 20,000 sq yds.	15	61	Gradient of above is steep, 1 in 10 over Harhad Ghat and the remainder 1 in 15 road only partially bridged and unsuitable for artillery
G O C Allahabad District, Allahabad	Collector of Gaya, Gaya	CHORFARAN	15	76	A small village supplies must be collected; good but limited water from 2 wells in vicinity of C-G, site for which is in a mango grove 440 yds S E of village country as above; road 20 ft wide metalled bridged and fit for all arms; pass Gaudhara at 6 $\frac{1}{2}$ m
		BALUWA	10	86	Country and road as in last stage cross the Mohana (special arrangements must be made) at 4 $\frac{1}{2}$ m and pass Lilhara (p-o.) at 5 m
		SARWA	11	97	
		MATHIANI	13	110	See Route 286.
		GAYA	10	120	For other remarks see Route 286. See Route 282 For other terms see Route 64
		Total marches 9 = 116 m			

Route No. 320
FROM HAZARIBAGH TO PURULIA
via RANGARH AND SILI

AUTHORITIES		Name of stages and size of occupying grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Portenoy District, Fort William.	Deputy Commisr of Hazaribagh, Hazaribagh.	NANDU	15 $\frac{1}{2}$	15 $\frac{1}{2}$	See Route 318
		RANGARH	12 $\frac{1}{2}$	28	
		CHITARPUR 20,000 sq yds.	10	38	A village; supplies on notice, good water for a bath, from wells and tanks in vicinity of C-G, site for which is in a mango grove 250 yds W of village country mostly open and well cultivated; road 20 ft wide gravelled in fair condition and fit for all arms, nullahs unbridged but banks ramped and fordable pass Chakr at 5 m
		GOLA 20,000 sq yds.	5	43	A large village supplies on notice, plentiful good water from wells, tanks and stream near C-G, site for which is close to village country road and nullahs as above
		DIMHA 15,000 sq yds	17 $\frac{1}{2}$	60 $\frac{1}{2}$	A small village near left bank of the Sabarika R., supplies on notice, good water from a well a tank and the river close to which on roadside 200 yds S of village is site for C-G country road and nullahs as in last stage

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Marham, Lohardaga, Purulia, Ranchi.	SILI . . .	8	68½	Country hilly and jungly, with partial cultivation; road, a mere track, not suitable for artillery; cross the Subaurika on starting, fordable except in rains; no ferry. See Route 228. For other remarks, see Route 82.
		JHALDA . . .	9	67½	
		JAYPUR . . .	12	79½	
		PURULIA . . .	10	95½	
		Total marches, 9 = 95½ m.			

Route No. 321.
FROM HAZARIBAGH TO RANIGANJ.
via BAGODAR, AND THE GRAND TRUNK ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Hazaribagh, Bagodar, Dumri, Topchanchi, Rajganj, Gobindpur, Nersa, Niamatpur, Asansol, Bogra, Raniganj.	HURLI . . .	11½	11½	See Route 114(a). For other remarks, see Route 114(a). See Route 266. See Route 84. Country level, open and well cultivated; road 17 ft. wide, metalled and nullahs bridged, suitable for all arms; cross the ry. at end of stage. The Damoda R. is S. of town, and has a ferry of 5 boats, each carrying 60 men.
		BHELWARA . . .	11	22½	
		BAGODAR . . .	9½	32	
		DUMRI . . .	11½	43½	
		TOPCHANCHI . . .	14	57½	
		RAJGANJ . . .	9	66½	
		GOBINDPUR . . .	12	78½	
		NERSA . . .	12½	91½	
		NIAMATPUR . . .	12	103½	
		ASANSOL . . .	6	109½	
		BOGRA . . .	6	115½	
		RANIGANJ . . .	6½	121½	
		Total marches, 12 = 121½ m.			

Route No. 321(a).
FROM HAZARIBAGH TO RANIGANJ.
via CHASH, RAGHUNATHPUR AND DHUKIYA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Hazaribagh, Ranchi, Deputy Commissioner of Marham, Purulia.	DIGWAR . . .	13	12	See Route 815. A village; supplies on notice; indifferent water, supply uncertain, from tanks in village, ½ m. E. of which on roadside is site for C. G.; country open and cultivated with patches of jungle; road 20 ft. wide, unmetalled; nullahs strongly bridged; cross the Olla stream soon after starting, fordable except in rains; no ferry.
		CHATROCHATTI . . .	14	26	
		GUMIYA . . .	13	39	
		ANGWALI . . .	12	51	
		CHASH . . .	15	66	
		CHANDAKIARI . . .	14	80	
		DUBRA . . .	10	90	
		RAGHUNATHPUR . . .	10	100	
		SATORI 40,000 sq. yds.	12	112	

AUTHORITIES.		Names of stages and size of occupying grounds.	DISTANCE		REMARKS.
Military	Civil.		Miles	Total	
G O C Presidency District Fort William	Collector of Bankura, Burdwan, Bardhaman.	DHUKIYA 17,500 sq yds.	0	181	A village, supplies on notice, fair water, for a basin, from tanks (foul in hot weather) W of G G, site for which is in a mango grove. N of and close to village country hilly and partially cultivated, road good 20 ft wide metalled and fit for all arms, cross a branch of the Damodar at 6 m by ford easy for an hour or two after high flood See Route 83 Country open, cultivated and undulating, road 24 ft wide and metalled, cross the Damodar at 7 m (width 8 m strong current, bottom sandy, 15 ft deep at flood), by ford in dry season, by ferry in rains
		RANIGANJ . .	10	191	
		Total marches, 11 = 191 m.			

Route No. 322.
FROM HAZARIBAGH TO SHERGHATI
via CHATRA AND HUNTERGANJ

AUTHORITIES.		Names of a stage and size of occupying grounds.	DISTANCE		REMARKS.
Military	Civil.		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner of Hazaribagh	SILLA ICHAK	14	14	See Route 317
		DONGUL ICHAK	14	28	
		CHATRA . .	18	41	
		JORI p o b	11	63	A small village and bazar, supplies must be collected, good water from wells and the Lalajan near which is site for G-G country open for first 3 m, thence hilly and rocky, road unmetalled, passing over the Bhura Ghat, over which only lightly laden carts can pass, mullahs ramped and fordable, cross the Jam R at 7 m, by ford in dry season only, special arrangements would have to be made in rains.
		HUNTERGANJ p o b	9	61	
G O C Allahabad District, Allahabad	Collector of Gaya, Gaya.	SHERGHATI . .	10	71	A village on left bank of the Lalajan, supplies on notice, good water from the river, near which is site for G-G, country, road and mullahs as above, cross the Lalajan (special arrangements must be made in rains) at 4 m, by ford in dry season only See Route 286 Country partly cultivated partly jungle, road unmetalled, but fair, cross the Baikhya and the Murhar at end of stage, fordable in dry season, no ferry.
		Total marches, 6 = 71 m			

Route No. 323.
FROM HAZARIBAGH TO SOOREE
via BHELWARA, THE GRAND TRUNK ROAD AND DUBRAJPUR

AUTHORITIES.		Names of stages and size of occupying grounds.	DISTANCE		REMARKS.
Military	Civil.		Miles	Total	
G O C Presidency District Fort William	Collector of Hazaribagh, Hazaribagh, Burdwan, Bardhaman.	HURLI	11½	11½	See Route 114(a)
		BHELWARA . .	11	22½	
		BAGODAR . .	9½	32	
		DUNRI . .	11½	43½	
		TOPCHANOHI	14	57½	
		RAJGANJ . .	9	66½	See Route 286
		GOBINDPUR . .	12	78½	
		NIRSA . .	12½	91½	
		NIAMATPUR	12	103½	
		ASANSOL . .	6	109½	
		BOGRA . .	6	115½	
		BAIDYANATHPUR 46,000 sq yds	14½	129½	A village on right bank of the Ajai, supplies on notice, good water from tank and the river close to which is site for G-G, country cultivated, road, 20 ft wide, metalled, all mullahs strongly bridged

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bribham, Boree.	DUBRAJPUR 80,000 sq. yds. p-o. t-s.	9	198½	A large town; supplies procurable; plentiful good water from tanks close to road W. of which and in fields near town is C-G.; country, road, and nullahs as before; cross the Adjal on starting, by ford in dry season, by ferry (2 boats carrying 30 men each) in the rains, the Hingla at 3½, and the Sal at 5½ m., both fordable except during high flood, no ferries. See Route 112. Country slightly undulating and cultivated; road and nullahs as before; cross 2 streams en route, unbridged, but fordable; pass Sripar at 4 and Raipur at 9 m.
		SOOREE	13	151½	
		Total marches, 14 = 151½ m.			

Route No. 324.

FROM HISSAR TO BIKANER as far as BHAL (for remainder see Bombay Route Book No. 200).
via SEWANI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Unaballa.	Deputy Commissioner of Hissar, Hissar.	CHAUDHRIWAS 300 × 200 yds.	13	13	A village; supplies on notice; plentiful good water from a well and tank 260 yds. E. of C-G., site for which is near road and N. of village; country level and partially cultivated; road 20 ft. wide, unmetalled and sandy, but passable for all arms; pass Gangra at 4, Mekan at 7½, and Bhori Jodka at 11 m. A large village; supplies procurable; plentiful good water from 4 wells 160 yds. S. and S-E. of C-G., small site for which is 60 yds. W. of village; country as above; road 80 ft. wide, unmetalled, sandy and very heavy in places, not passable for field artillery; pass Baranwa at 3½ m. A small village; supplies on notice; limited and somewhat brackish water from a well in village, close to which and 70 yds. W. of road is extensive site for C-G.; the approach from the road is very difficult owing to sandhills; country and road as in last stage; pass Mohla at 4 m. A small town; supplies on notice; plentiful good water from a well 60 yds. from C-G., site for which is close to road and N. of town; country and road as above; pass Mandhanli at 6 and Sarpan at 9 m.
		SEWANI p-o. b.	7½	20½	
		KALAUD (KOLADA) 111,110 sq. yds.	8½	29	
		BHAL 300 × 280 yds. p-o. b.	12	41	
		Total marches, 4 = 41 m.			

Route No. 324(a).

FROM HISSAR TO BIKANER as far as BALSAMAND (for remainder see Bombay Route Book No. 200 (1)).

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Unaballa.	De. Commr. of Hissar, Hissar.	BALSAMAND b.	16	16	A large village; supplies abundant; good water, for a bottm., from a well and tank 600 yds. E. of C-G., site for which is W. of village; country flat and sandy; road unmetalled and sandy, average width 22 ft., passable for all arms; pass Amari Kuri at 6 and Dabwani Buhlan at 12 m.
		Total marches, 1 = 16 m.			

Route No. 325.

FROM HISSAR TO NASIRABAD as far as BASI (for remainder see Bombay Route Book No. 248).

via DADRI AND NARNAUL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Unaballa.	Deputy Commissioner of Hissar, Hissar.	LADUA 350 × 200 yds.	8½	8½	A small village; supplies must be collected; plentiful good water from a well and tank 160 yds. S. of C-G., site for which is on flat ground E. of village; country level, sandy, and partly cultivated; road unmetalled and heavy, but passable for all arms; pass Dabwah at 5 m. A village; supplies must be collected; plentiful good water from a well 800 yds. E. of village, S. of and close to which is C-G.; country and road as above; pass Sultanpur at 4½ and Umra at 6½ m. A village; supplies on notice; plentiful good water from a well 160 yds. N. of, and a tank near, C-G., site for which is on roadside N. of village; country as above; road 40 ft. wide, unmetalled, very swampy after rain, passable for all arms except artillery in wet season.
		JAMALPUR 86,210 sq. yds. p-o.	11½	19½	
		BALLIALI 865,650 sq. yds.	6½	26½	

AUTHORITIES		Names of stages and size of accompanying grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Sirhind District Umballa.	Resident in Jyepore, Jyepore.	DEPUTY COMMISSIONER of Hissar, Hissar			
		BHIWANI 134,000 sq yds p-o & r-s b	10½	80½	A good-sized town, supplies plentiful, abundant good water from wells and tanks within a miles of ½ m of C G, which is N-W of and close to town; country and road as in last stage, pass Bab at 8½ m
		MANHERU r-s	8	44½	A small town in Jhind territory; supplies on notice; plentiful good water from a well and tank close to village, anywhere round which is extensive site for C-G; country and road as above, pass Nangal at 6 m.
		DADRI 150,000 sq yds p-o & r-s	9½	54	A town in Jhind territory supplies abundant, plentiful good water from a well 230 yds. from C G, into for which is N E of town and 500 yds from road; country and road as before, pass Solwans at 5 and Gular at 7 m.
		DUDHOA	7½	61½	A small village in Jhind territory, supplies scarce plentiful good water from 3 wells at Changror village, about 3 m W of Dudhoa, no C-G, country, as road as above.
		BOWANA	6½	70½	A village in Patiala state, supplies and fodder on notice abundant water (somewhat brackish) from 6 wells in vicinity of village near which is extensive site for C-G country and road as above
		KANUND	8	78½	A town in Patiala state, supplies on notice, fodder procurable; plentiful good water from 12 wells in vicinity of town, near which is extensive site for C G, country scantily cultivated, road an unmetalled village path, varying in width, crosses a stream at 6, by ford, except in rains, no ferry and pass Kham at 7 m
		NARNAUL	13	91½	See Route 189 Country as above, road unmetalled, 15 to 20 ft wide, very heavy especially at first; crosses a stream at 2½ by ford, pass Nangal at 5 and Hogina at 8 m. From Narnaul Alwar is distant 4 marches by an unmetalled road. For remarks see Bombay Route Book No 269
		BASI	11	102½	See Route 189(a)
		Total marches, 11 =			
		102½ m			

Route No. 326.

FROM HISSAR TO NEEMUCH as far as THANWAS (for remainder see Bombay Route Book No 240)
and DADRI AND NARNAUL.

AUTHORITIES		Names of stages and size of accompanying grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Sirhind District Umballa	Chief Secretary to Punjab Government.	DEPUTY COMMISSIONER of Hissar, Hissar			
		JAMALI	9½	3½	
		JAMALPUR	11½	10½	
		BALLALI	6½	26½	
		BHIWANI	10½	36½	
		MANHERU	8	44½	
		DADRI	9½	54	See Route 325.
		DUDHOA	7½	61½	
		BOWANA	6½	70½	
		KANUND	8	78½	
		NARNAUL	13	91½	For other remarks see Route 189.
		THANWAS	14	105½	A small village supplies must be collected, plentiful good water from wells in vicinity of C G site for which is near village country well cultivated, road as above, crosses the Hamauli (generally dry except in rains) at 4 and pass Sarohi at 9 m.
		Total marches, 11 =			
		105½ m			

Route No. 327.

FROM HISSAR TO SIRSA.
and FATAHABAD.

AUTHORITIES		Names of stages and size of accompanying grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Sirhind District, Umballa.	Deputy Commissioner of Hissar, Hissar	AGROHA 135,500 sq yds p-o b	12	12	A small town supplies on notice, good water, for a bath, from a well, and (for animals) from a tank W of and close to C-G which is 40 yds E of village, country partially cultivated, road metalled for first 8 m. only afterwards sandy and heavy, but passable for all arms; pass Landheri at 9 m
		RADDOPAL 10,350 sq yds.	8½	20½	A village, supplies scarce, good water, for a bath from a well 160 yds S. of C-G, site for which is 200 yds. N of village, country barren and sandy, road as in latter part of last stage; pass Kham Khari at 4½ m
		FATAHABAD 150,000 sq yds p-o b	6	26½	A small town supplies on notice, plentiful good water from a well 200 yds. N of C-G, which is 100 yds. S. of town; country and road as in last stage; pass Barnpur at 4 m

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Hissar, Hissar.	NARAIL 227,026 sq. yds. b.	11½	40	A small village; supplies on notice; plentiful good water from a well and tank 200 yds. S. of C.G., which is close to village; country and road as above, except in the 8th m., where the road becomes water-logged and muddy during the rains, making it very heavy for wheeled traffic. Jodhka r.a. is about 8½ m. S.W. See Route 261. Country and road as above, except that the latter is metalled for the last 3 m.
		SIRSA	19½	53½	
		Total marches, 5 = 53½ m.			

Route No. 328.
FROM HOSHIARPUR TO DALHOUSIE.
via DASUYA AND PATHANKOT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dr. Commr. of Hoshiarpur, Hoshiarpur.	HARIANA . . .	9	9	See Route 50(b).
		GARHWI WALA . .	9	18	
		DASUYA	7	25	
		NUKEERIAN . . .	9	34	
		MIRTHAL	12	46	
	Deputy Commissioner of Gurdaspur, Gurdaspur.	PATHANKOT . . .	11½	57½	A village on right bank of the Beas R.; supplies procurable; good water from the river; small site for C.G. E. of the Hoshiarpur-Pathankot road, and about ½ m. from village; country fairly cultivated, but much intersected by ravines; road as above; cross the Beas at end of stage by ferry. The following marches may be made from Dasuya to Mirthal:— Hoshiarpur (p-o) 12½ m. Mirthal 12½ m. TOTAL 25½ m.
		SHANPUR	8½	66	
		DHAR	12½	78½	
		DUNERA	10½	89½	
		NYNI KRUD . . .	10	99½	
	Asst. Commr. of Dalhousie, Dalhousie.	DALHOUSIE . . .	13	111½	Country and road as above; cross the Chaki (fordable except after heavy rain) at 10 m. See Route 301. For other remarks, see Route 176. See Route 175. For other remarks, see Route 300.
		Total marches, 11 = 111½ m.			

Route No. 329.
FROM HOSHIARPUR TO DHARMSALA.
via GOPIPUR DERAH, RANITAL, AND KANGRA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dr. Commr. of Hoshiarpur, Hoshiarpur.	GAGRET 16,640 sq. yds. b.	14½	14½	NOTE.—This route is preferable to No. 325(a), being two marches shorter, and therefore better arrangements for crossing the Beas R., vide remarks on Gopipur Derah. A bazar and police stn. at the foot of eastern slope of the Sivaliks; supplies procurable; plentiful good water from 2 wells on C.G., site for which is near bazar; country, after first 5 m., hilly; road, unmetalled and broken in places, and heavy up to the hills, thence about 21 ft. wide, good and practicable for wheeled transport; pass Chochni at 6 and Mangwal at 8 m. A bazar; supplies on notice; water good, but scarce; C.G., elevation 3,600 ft., on a series of terraces; country as above; road as in latter part of last stage; cross the Soban (fordable except after heavy rain) on starting and pass Lohara at 10 m.
		BHURWAIN 67,700 sq. yds. p-o. b.	12½	27½	

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District Meen Meer	Deputy Commr. Meen Meer Dharmala	GOPIPUR DEBAH 18 160 sq yds p-o b.	11½	38½	A village and bazar supplies considerable plentiful good water from springs, wells, and streams; C-G E. of p-o; country and road as above cross the Beas at end of stage, by bridge of boats in dry season by ferry (4 boats carrying 100 men each) in the rains
		RANITAL 14 940 sq yds b	13	51½	A village with bazar and police station supplies on notice water good and plentiful; site for C-G in fields E. of road and near village; country and road as above
		KANGRA (BHOWAN) p-o b.	11	62½	A town; supplies plentiful abundant good water from wells and springs close to C-G small site for which is N.E. of dispensary; country and road as above, cross the Banganga (bridged) on route The fort is 1 m. from Bhowan and situated on a rock 160 ft. above the Banganga R.; this eminence is nearly 3 m. in circumference and bounded for the most part by nearly perpendicular precipices.
		LOWER DHARMSALA 300 x 160 yds p-o t-o b	9	71½	A bazar and town elevation 4,080 ft; supplies plentiful abundant good water from streams C-G S. of the old Gurkha lines; country and road as above.
		UPPER DHARMSALA 300 x 120 yds	5½	76½	A small cantonment and civil station, supplies and water plentiful C-G near station country hilly and well cultivated; road good but unmetalled fairly steep to Kotwali Bazar thence an easy rise all the way cross a nullah en route by a wooden bridge
		Total marches, 7 = 70½ m.			

Route No 329(a)
FROM HOSHIARPUR TO DHARMSALA.
via NADAUN AND JAWALAMUKHI

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District Meen Meer	By Commr. of Hoshiarpur Dharmala. Deputy Commr. Meen Meer Dharmala.	GAGRET	14½	14½	See Route 329
		AMB p-o	6½	21	A village supplies on notice plentiful good water from wells in village, near which are open sites for large C-G country hilly road unmetalled and heavy in places but practicable for wheeled transport; passes through fields to the Bohra R. which is crossed over a pebbly bed at 2½ m
		KULOHA	10	31	A small village between 2 nullahs which are impassable in the rains; supplies on notice; plentiful good water from a well and tank about 300 yds. from C-G, site for which is in fields near village country as in last stage road unsuitable for carts, and nullahs difficult in the rains pass Sathu at 3 m
		NADAUN p-o	18	44	A small town on left bank of the Beas supplies on notice, good water from the river small site for C-G S. of the Hoshiarpur road and near town; country and road as above, the latter runs along the edge of nullah for 1½ m., then goes up one or two hills at easy gradients; nullahs difficult in rains
		JAWALAMUKHI 12,100 sq yds p-o	7	51	A small town lying on the side of a small range of hills supplies on notice, plentiful water from springs wells, and streams, but indifferent, except from one well 100 yds. from C-G site for which is W. of road and near town; country and road as above, latter level across the Beas on starting by ferry (1 boat carrying 80 men)
		RANITAL	13	63	Country as above; road good and fit for wheeled traffic; cross a nullah (strongly bridged descent bad) at 7½ m. all smaller nullahs bridged
		KANGRA (BHOWAN)	11	74	See Route 329
		LOWER DHARMSALA	9	83	
		UPPER DHARMSALA	5½	88½	
		Total marches, 9 = 88½ m			

Route No 330.
FROM HOSHIARPUR TO GURDASPUR
via MUKERIAN AND NOWSHERA GHAT

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District Meen Meer	By Commr. of Hoshiarpur Gurdaspur. Deputy Commr. Meen Meer Gurdaspur.	HARIANA	9	9	See Route 30(b).
		GARHWI WALA	9	18	
		DASUYA	7	25	
		MUKERIAN	9	34	
		NOWSHERA GHAT, right bank of the Beas	5½	39½	See Route 40 Country as in last stage, road unmetalled for first 4 m. afterwards metalled.
		GURDASPUR	9½	48½	
		Total marches, 6 = 48½ m			

FROM HOSHIARPUR TO SIMLA.

via RUPAR, KALKA, AND THE TONGA ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Niswan Meer.	Deputy Commissioner of Hoshiarpur, Hoshiarpur.	MAHALPUR . 54,020 sq. yds.	18½	18½	A village; supplies procurable; plentiful good water from a well on C-G., which is E. of village and W. of road; country level, open and well cultivated; road cut up by numerous torrents, unmetalled, but fair and practicable for all arms; pass the old cantonments at 3½, and Jolpur at 10 m.
		GARHSHANKAR . 146,970 sq. yds. p-o. t-s.	11½	25	A large village; supplies procurable; plentiful good water from wells, one on, and 2 others in village ½ m. from C-G., which is N. of village and W. of road; country and road as before; pass Kaniala at 4 and Badesan at 8½ m.
		MAZARI . 166,740 sq. yds.	8½	33½	A small village; supplies on notice; plentiful good water from a well W. of road and close to C-G., which is S. of village and E. of road; country as above; road practicable for wheeled transport, but heavy in places, where it crosses torrent beds; pass Panam at 3 m.
		BARTHALA . 170,130 sq. yds.	13	46½	A small village; supplies on notice; plentiful good water from a well at N-E. corner of C-G., which is S-E. of village and E. of road; country and road as before; pass Sana at 5½ and Balocher (p-o. b.), where a road branches off W. to Jullundur (see Route 378) at 6½ m.
	Deputy Commissioner of Umballa, Umballa.	RUPAR . 300 x 130 yds. p-o. t-s. b.	9	55½	A town on left bank of the Sutlej R., crossed by a ferry to S-W. of town; supplies plentiful; abundant good water from 2 wells near, and (for animals) from the Sirdind canal, 220 yds. from C-G., which is W. of town and close to the river; country chiefly sandhills with partial cultivation; road 30 to 40 ft. wide, unmetalled, heavy in places, but passable for all arms; pass Ramgarh at 1 m. and skirt the lower slopes of the Sewalks until the Sutlej is crossed at end of stage, by ferry (4 boats, carrying 100 men each, always available).
		KURALI . 18,000 sq. yds. p-o.	9½	64½	A large village; supplies on notice; plentiful good water from 3 wells in temple close to C-G., site for which is N-W. of village; country level, open, and well cultivated; road as above; nullahs unfordable after heavy rain; pass Barwana at 2½ and Singh at 5½ m.
		KHARAR . 90,000 sq. yds. p-o. b.	7½	72½	A small town; supplies on notice; plentiful good water from 2 wells close to C-G., which is N. of road and near village; country, road, and nullahs as above; pass Subaran at 8½ m. A road from Ludhiana (see Route 429) joins in at Kharar.
		KHERI . 50,000 sq. yds.	8	80½	A small village; supplies on notice; good water from a well (8 ft. diameter, depth of water 1½ ft.) on C-G., which is on roadside near village; country and road as above; cross the Ruliali (fordable except after heavy rain) at 8½, and pass Bijwana at 7 m.
		CHANDIGARH . 60,000 sq. yds. p-o. r-s. b.	8	88½	A large village; supplies on notice; plentiful good water from 2 wells on C-G., which is on roadside ½ m. N-E. of r-s.; country and road as above; cross the Sukhna (fordable except after heavy rain) at 3 m. and join the Umballa road (see Route 655) at end of stage.
		KALKA . 300 x 270 yds. p-o. t-s. r-s. b.	7½	96	A small town at the foot of the Himalayas; supplies abundant; plentiful good water from the waterworks ½ m. E. of C-G., which is about ½ m. N-E. of r-s.; country undulating and jungly with partial cultivation; road 30 ft. wide, metalled, and passable for all arms; pass Pinjor at 4 m. The bridle road to Simla via Kasauli and Kakrabatti branches off at Kalka.
G. O. C. Sirdind District, Umballa.	Deputy Commissioner of Simla, Simla.	DHARMIPUR . p-o. b.	15½	111½	A few huts; supplies must be collected; good but limited water from a stream ½ m. from village, near which are small sites for C-G.; country mountainous, well wooded, with cultivation in valleys and on terraces; road metalled, 25 to 30 ft. wide, bridged and passable for all arms, ascending gently the whole way.
		SOLAN . p-o. t-s.	12½	124	A small hill village; supplies procurable; plentiful good water from a spring about 700 yds. E. of village; small site for C-G. on roadside at Chumbaghat, about 1½ m. beyond p-o. at Solan; country and road as above; pass road to Dagahai (2½ m. distant) at 2 m.
		KHAIRI GHAT . b.	19½	137½	A halting-place with small bazar; supplies very limited; good water from springs about 600 yds. before reaching bazar, near which is small site for C-G.; country and road as above; pass Khandaqhat bazar at 8 m.
		SIMLA Camp . p-o. t-s. b.	18½	156	A large hill station; supplies abundant; plentiful good water from the water-works laid on in pipes all over the station, as well as at Sanjauli, 2 m. beyond the Church, where there is a small site for C-G.; country and road as above. There is an alternative route from Kalka, passable only for infantry and mountain artillery, which makes the following stages :-
				Kasauli 9 m. Kakrabatti 11½ " Sairi 10½ " Simla 10½ " Total marches, 4 = 41½ m.	
NOTE.—Whenever carriage is obtained by troops from the Commissariat Department for the march from Kalka to the several hill stations, and was <i>not</i> used, the following number of stages must be paid for, viz.:-					
				Kalka to Simla } 6 stages. " " Jutogh " " Subathu " " Kasauli } 3 " " " Dagahai	
				Total marches, 14 = 156 m.	

Route No. 331(a).
FROM HOSHIARPUR TO SIMLA,
via RUPAR, BADI, AND THE OLD ROAD

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Lahore District, Meean Meer	By Command of Hoshiarpur Hoshiarpur	MAHALPUR	13½	13½	See Route 331
		GARHSHANKAR	11½	25	
		NAZARI	8½	33½	
		BARTIALA	18	48½	
G O C Sialkot District, Unaballa	By Command of Unaballa, Unaballa	RUPAR	9	57½	<p>A small village, supplies on notice, good water, for a battn., from wells in vicinity of, and a stream ½ m. from, C G, small site for which is near village; country level and fairly cultivated, road 10 ft. wide unmetalled, possible for all arms, pass Kotla at 1, Manpur at 4½, and Mandwara at 7½ m.</p> <p>A small village, supplies must be arranged for, good water, for a battn., from springs and a well on C-G, which is 8 of, and close to, village; country as above but billy; road as above, nullahs fordable except after heavy rain, cross the Siras at 10 m., unfordable after floods.</p> <p>A small village, supplies on notice, good water, for a battn., from a stream near C G, small site for which is E of and close to village, country mountainous with cultivation in the valleys road 8 to 12 ft wide, unmetalled, possible only for infantry and mountain artillery; streams are sometimes unfordable, during the rains, pass Jharaym at 1½, Dharaj at 6, and Pata at 9½ m.</p> <p>A small village with bazar, supplies on notice good water from a stream and springs near village, close to which is site for C-G for a regiment, country and road as above Subathia is about 2 m. S of Kakarhatti.</p> <p>A small bazar, supplies on notice, good but limited water from a spring in village, near which is small site for C-G, country and road as above, cross the Ghumbar R (fordable except after heavy rain) at 1½ m., by a suspension bridge</p> <p>See Route 331 Country as above, road as before until Simla is entered at Badlangany bazar, after a very steep ascent, at 7½ m., thence metalled; pass road to Jutogh (distance 2 m.) at 5 and cross a fordable nullah at 5½ m.</p>
		JUGATHANA	8½	64	
		BADI 480 x 480 yds b	11	75	
		KHADI b	11½	86½	
		KAKARHATTI b	8	94½	
		SAIRI P.O. b.	10½	104½	
		SIMLA Church	10½	115	
		Total marches, 11 = 115 m.			

FROM JAISALMER TO BAHAWALPUR.

via ISLAMGARH, KHANPUR AND AHMADPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Bahawalpur Territory.	Political Agent at Bahawalpur.	From Jaisalmer to Damar, 4 marches.	...	...	Up to Damar, see Bombay Route Book No. 213.
		NOHUR (ISLAMGARH).	32	32	A village with a fort; supplies procurable, forage scarce; good water from 3 wells N. of the fort, near which is extensive site for C-G.; country desert; road unmetalled, but fairly good for 16 m., thence a mere sandy track; pass a small tank at 17 m.
		KOT-MURID	34	60	A deserted village; no supplies; limited water from wells; extensive site for C-G. anywhere near; country as above; road over a succession of hard sand-hills.
		KHANPUR 700 x 400 yds. p-o. r-s. b.	23	89	A large town on a navigable canal; supplies plentiful; abundant good water from 5 wells in vicinity of town, N. of which is site for C-G.; country sandy at first, afterwards alternate jungle and cultivation; road unmetalled, but fair.
		PAKKA LABAN p-o.	16	105	A town; supplies on notice; plentiful good water from 3 wells close to C-G., site for which is $\frac{1}{2}$ m. E. of road; country sandy, partly jungle, and partly cultivation; road as above, and bridged, but unsuitable for guns.
		ALLAHABAD 240 x 100 yds. p-o.	11	116	A town; supplies procurable; plentiful good water from 3 wells near C-G., site for which is W. of road and close to town; country jungle at first, afterwards low and swampy, but highly cultivated; road and bridges as above.
		CHANIGOT 440 x 330 yds. p-o. r-s.	14	130	A large scattered village; supplies procurable; plentiful good water from wells on, and in vicinity of C-G., which is S.-E. of and close to village; country partly cultivated; road and bridges as above.
		AHMADPUR 390 x 260 yds. p-o. r-s.	15 $\frac{1}{2}$	145 $\frac{1}{2}$	A large town; supplies abundant; plentiful good water from a large well on, and others near C-G., which is W. of and close to town; country and road as above.
		MUSAFIR KHANA	16	161 $\frac{1}{2}$	A small village; supplies procurable; plentiful good water from 2 large wells near C-G., site for which is close to village; country and road as above; cross several canals <i>en route</i> , all strongly bridged, and pass Wahi Hussin at 8 $\frac{1}{2}$ m.
		BAHAWALPUR	11	172 $\frac{1}{2}$	See Route 123. Country as above; road unmetalled and bad; cross several canals <i>en route</i> , all strongly bridged.
		Total stages in Bahawalpur, 9 = 172 $\frac{1}{2}$ m.			

Route No. 333.

FROM JALPAIGURI TO BAKSA-DUAR (BAXA).

via MAYNAGURI, FALAKATA, AND ALIPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Jalpaiguri, Jalpaiguri.	MAYNAGURI 21,000 sq. yds. p-o.	8	8	A village on right bank of the Bagjan; supplies on notice; good water from the river, in fields near which is site for C-G.; country cultivated, road unmetalled, but raised and nullahs bridged; cross the Tista on starting by a good ferry.
		DHUPGURI 160,000 sq. yds. p-o.	12	20	A village on left bank of the Kumai; supplies must be collected; good water from the stream, in fields near which is site for C-G.; country, road and nullahs as above, cross the Bagjan (generally fordable) on starting, and the Manai or Jaldhaka at 7 m., by ford in dry season, by ferry (2 boats and 2 rafts) in the rains.
		FALAKATA p-o.	12	32	A large village; supplies procurable; fair water from the Majnai stream, in fields near which is site for C-G.; country open and well cultivated; road and nullahs as above; cross the Golsandi at 3, by ford in dry season, by ferry (1 boat) in the rains, pass Salbari at 4, cross the Dudua at 6, by ferry (1 boat and 4 rafts), and the Majnai at 9 m. by ferry.
		PATLAKAWA 20,000 sq. yds.	9	41	A small village on bank of the Silitora; supplies must be collected; good water from the stream, in fields near which is site for C-G.; country, road, and nullahs as above; cross the Torsa at 4 m. by ferry (2 boats and 2 rafts) and the Silitora at end of stage, by a small ferry.
		ALIPUR	13	54	Country as above; road unmetalled, but raised above flood-level; cross the Kaljani near end of stage by ferry.
		RAJABHAT	10	64	
		KHAWA	9	73	See Route 163.
		SANTRABARI	2 $\frac{1}{2}$	75 $\frac{1}{2}$	
		BAKSA-DUAR (BAXA).			
		Total marches, 8 = 75 $\frac{1}{2}$ m.			

Route No. 333(a).
FROM JALPAIGURI TO BAKSA-DUAR (BAXA).
via PATGRAM AND ALIPUR.

AUTHORITIES		Names of stages and site of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Presidency District, Fort William	Deputy Commissioner of Jalpaiguri	BAKALI 12,000 sq yds	6½	6½	A large village on left bank of the Tista R.; supplies on notice, plentiful good water from the river, in fields near which is site for C-G, country open and cultivated; road raised but unmetalled, cross the Tista at 4½ m at Mandaganj, by ferry of 4 rafts, this river is about 1 m wide in the rains, and only 300 yds. at other times
		CHANGRABANDHA P-o	10	16½	A large bazar on right bank of the Dharla R., supplies procurable, good water from the river, in fields near which is site for C-G, country and road as above, nullahs either bridged or fordable in dry season, small ferries in the rains
		PATGRAM P-o	9½	25½	A large village and bazar on right bank of the Dharla; supplies on notice, good water from the river, in fields near which is site for C-G, country well cultivated; road as above; nullahs bridged
		BALAR HAT 16,700 sq yds.	0	25½	A small village, supplies procurable, good water from a stream, near which is site for C-G, country, road and nullahs as above
		KHUTIMARI 12,460 sq yds	18½	44½	A village on right bank of the Toru; supplies must be collected; good water from the river, near which is site for C-G; country partly cultivated, partly jungle; road and nullahs as before, cross the Chokkata stream on starting, usually fordable except after very heavy rain, the Satunga (fordable) at 5½, and the Manma at 7½ m, by ford or ferry
		NILKUTI 62,300 sq yds	9	54½	Cooch Behar bazar 1 m S-W; supplies procurable; plentiful good water from wells and from the Dura Toru stream on bank of which is C-G, country as before, road raised, metalled, and strongly bridged, suitable for all arms, cross the Toru on starting by a ferry of several rafts
		ALIPUR	10½	65	See Route 163
		RAJABHAT	10	75	
		KHAWA	9	84	
		BANTRABARI	2½	86½	
		BAKSA-DUAR (BAXA)			
		Total marches, 10 = 86½ m			

Route No. 384.
FROM JALPAIGURI TO BOLA DUAR, on the Bhutan Frontier.
via MAYNAGURI AND FALAKATA.

AUTHORITIES		Names of stages and site of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Presidency District, Fort William	Deputy Commissioner of Jalpaiguri	MAYNAGURI	8	8	See Route 382.
		DEHPURI	12	20	
		FALAKATA	12	32	
		MADARIHAT 20,000 sq. yds. p-o	18½	45½	A small village on high ground near right bank of the Toru, supplies on notice, good water from the river, on bank of which is site for G-G; country jungle, road raised and bridged, but unmetalled and liable to inundations from the Toru near Madarihath
		BOLA DUAR	14	89½	A small village, no supplies, good water procurable; country as above; road a mere jungle track, cross the Toru en route.
		Total marches 5 = 89½ m.			

Route No. 385.
FROM JALPAIGURI TO COOCH-BEHAR.
via PATGRAM AND AKHARHAT

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS	
Military	Civil		Miles	Total		
G O C Presidency District, Fort William.	By Commr. of Jalpaiguri, Cooch-Behar, Jalpaiguri	BAKALI . . .	8½	8½	See Route 333(a).	
		CHANGRABANDHA . . .	10	16½		
		PATGRAM . . .	9½	25½		
		BALAR HAT. . .	6	31½		
		AKRAHAT . . .	11	42½	A village, supplies on notice, fair but limited water from wells in vicinity of village, near which and N of road is small site for G-G; country cultivated; road 20 ft. wide unmetalled, but embanked, nullahs bridged across the Chokkata, Satunga, and Manma <i>en route</i> , by ford in dry season, by ferry in rains	
		COOCH BEHAR . . .	13	55½		A small town; supplies procurable; plentiful good water from wells in vicinity of G-G, extensive site for which is E of the Baksa-Duar road, country nullahs and road as above, but latter metalled for last 2 m., cross the Jaldhaka and Toru <i>en route</i> , both by good ferries.
		Total marches, 6 = 54½ m				

Route No. 335(a).
FROM JALPAIGURI TO COOCH-BEHAR.
via PATGRAM AND KHUTIMARI.

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ACTUATOR.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Jalpaiguri, Jaisaiguri, Cooch-Behar.	BAKALI	6½	6½	See Route 335(a).
		CHANGRABANDHA	10	16½	
		PATGRAM	9½	26½	
		BALAR HAT	6	32½	
		KHUTIMARI	18½	46½	
		COOCH-BEHAR	10	55½	See Route 335. Country well cultivated; road raised, partially metalled and strongly bridged, fit for artillery; cross the Toras (200 yds. wide), on starting by ferry of several large boats.
		Total marches, 6 = 55½ m.			

Route No. 336.
FROM JALPAIGURI TO DARJEELING.
via TITALYAH AND KURSEONG.

AUTHORITIES.		Names of stages and site of encamping grounds	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Jalpaiguri, Jalpaiguri.	JOHURI	17	17	A small village on left bank of the Talma Nadi; supplies must be collected; good water from the nadi, on bank of which is site for small C-G.; country open and well cultivated; road unmetalled, but raised and in good order. fit for all arms; nullahs bridged.
		BHAJANPUR 26,600 sq. yds.	6½	16½	A village on right bank of the Karaton; supplies on notice; good water from the river, near which and ½ m. N. of village is site for C-G.; country level, open and low-lying; road and nullahs as above; cross the Talma on starting and the Chooki about half-way, both fordable, except after heavy rain, when they are crossed on rafts.
		TITALYAH 32,000 sq. yds. p-o. b.	10	26½	A town on left bank of the Maha Nadi; supplies on notice; good water from the nadi, on bank of which and ½ m. N. of village is C-G.; country, road and nullahs as above; cross the Karaton on starting, by ford in dry season, by ferry in the rains; unbridged stream fordable.
		SANNASIKATA 26,049 sq. yds.	7	33½	A village on left bank of the Maha Nadi; supplies on notice; good water from the nadi, near which and ½ m. S.E. of village is site for C-G.; country undulating and partially cultivated; road metalled and bridged, running up the Maha Nadi; pass Dhaulabari at 8 m.
		SILIGURI p-o. t-s. r-s. b.	8½	42½	A village on left bank of the Maha Nadi; supplies plentiful; good water from the nadi and 2 wells; extensive site for C-G. on waste land near b.; country and road as above. There is another fair road from Jalpaiguri which makes the following stages:— Ambari 16 m. Siliguri 10 " TOTAL 26 m.
		KHAPRAIL	7	49½	A small village; supplies must be collected; plentiful good water from a stream, in fields near which is site for small C-G.; country cultivated with patches of scrub jungle; road metalled; nullahs (fordable) bridged with planks, unsuitable for artillery.
		BISARBATI 20,000 sq. yds.	6½	55½	A small village, elevation 4 580 ft.; supplies must be collected; plentiful good water from a stream, near which and surrounded by gardens is site for C-G.; country under tea cultivation; road and nullahs as above. Pakkhabari (p-o. t-s.) is distant 1½ m.
		KURSEONG (RIFLE RANGE). 600 x 60 yds. p-o. t-s. r-s. b.	6	61½	A village, elevation 4,500 ft.; supplies on notice; plentiful good water from a stumpipe on C-G., site for which is on the range and close to road; country hilly and jungly; road and nullahs as above.
		SONADA p-o. t-s. r-s.	10	71½	A village; supplies on notice; plentiful good water from a stream, near which and about 1 m. S. of r-s. is site for small C-G.; country as above, but partially cultivated; road as before; a narrow path leads from the village to camp.
		DARJEELING p-o. t-s. r-s.	10	81½	A town and convalescent depot; supplies on notice; plentiful good water from the water-works; site for C-G. at Jalapahar, about 1½ m. from Darjeeling; country, road and nullahs as before.
		Total marches, 10 = 81½ m.			

Route No 336(a).
FROM JALPAIGURI TO DARJEELING.
and DALING FORT

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Deputy Commissioner of Jalpaiguri, Jalpaiguri	KARANTI 30,000 sq yds	12	12	A village near right bank of the Dharla supplies on notice, good water from the river, on bank of which and about 2 m from village is site for C-G, country level and well cultivated road, 30 ft wide, metalled for the first 2 m. only but raised and nullahs strongly bridged, cross the Tista near its junction with the Dharla at 5 m, by ferry of boats and rafts
		DAN DIM 25,000 sq yds p-o t-s r-s	13	25	A small town; supplies on notice good water for a battin, from wells 100 yds N of C-G site for which is E of road and 4 m from r-s, country level and mostly covered with high grass, road as in latter part of last stage, cross the Chl, generally fordable, at 8 m by ferry (2 boats and 2 rats) after heavy rain
		DALING FORT (AMBIK) 14 170 sq yds	14	39	A village called Ambik Basi, supplies on notice, good water from the Chl 4 m E of which, and about 1 m. from the fort is site for C-G, country as above, road 5 to 8 ft. wide, unmetalled and unsuitable for wheeled traffic, stream fordable
		LABA . . .	12	51	A halting place no supplies, good water from a stream 1 m down the hill small site for C-G on both sides of the road and surrounded by jungle country under tea cultivation and forest, road as above but rough and difficult; streams fordable
		PEDONG . . .	6	57	A halting place, no supplies, good water from streams in vicinity of the small site for C-G, country jungle, road 6 ft. wide, and in good order, streams as above, some have plank bridges.
		KALINPON . . . p-o t-s	10	67	A village, supplies on notice, good water from streams in vicinity of village, about 1 m. S-E. of which is site for small C-G, country mostly under tea cultivation; road, 8 to 12 ft wide metalled, streams as above, some have temporary bridges.
		RANGEET . . . p-o b	15	82	A village near the Tista supplies on notice, good water from the river (named Great Rangret R) close to bank of which is site for small C-G, country, road and streams as above, cross the Tista at 6½ m., by an iron suspension bridge
		DARJEELING	11	93	See Route 338
		Total marches, 8 = 93 m			Country as before, road 11 ft. wide, unmetalled, but suitable for pack animals; gradient fairly easy

Route No. 337.
FROM JALPAIGURI TO DHUBRI.
and HALDIBARI AND PAGLARHAT

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Presidency District, Fort William	Deputy Commissioner of Jalpaiguri, Jalpaiguri	MAYNAGURI . . .	8	8	See Route 338
		DHUPGURI . . .	12	20	
		FALAKATA . . .	12	32	
		PATLAKAWA . . .	9	41	
		ALIPUR . . .	13	54	For other remarks, see Route 333.
		MAHAKALGURI 28,000 sq yds b	11½	65½	A village, supplies on notice, abundant good water from the Tuteri stream on right bank of which is site for C-G, country level and partially cultivated, road 16 ft. wide, unmetalled, but partially bridged and passable for all arms, cross the Gadabar at 4½ m, by ford in dry season, by ferry (1 raft) in the rains
		HALDIBARI . . .	14	79½	See Route 166 Country and road as above, cross the Raidak (fordable in dry season by only) en route, by ferry, 1 raft carrying 2 carts
		KOCHUGAON p o b	16	95½	A village with police sta., supplies scanty, very indifferent water from a near village, close to which is site for small C-G, country mostly forest; about 9 ft. wide unmetalled, and passable for infantry, nullahs crossed by temporary bridges, and streams by ford in dry season, by ferry in rains, cross the Sankos on starting by ferry, and pass Baramano at 6½ m NOTE.—The old route from Kochugaon to Goalpara has been abandoned as impassable
		DINDINGA . . . 16,000 sq yds b	16½	112	A village, supplies limited, plentiful good water from a well and stream in village close to which is site for C-G, country as above but low and lamby foundation, road 12 ft wide unmetalled but fair, streams as before Kurenkati at 8½ and Delana at 13½ m.
		PAGLARHAT b	10½	122½	A village on left bank of the Gadabar supplies limited good water from the river, and a well near it, close to which is small site for C-G, country low and subject to inundation, road 10 ft. wide, unmetalled, but good when not flooded; nullahs bridged.
		BALAJAN . . . b	8½	131	A village, supplies from Rupahi (Khagrabari) about 2 m E; good water from a well (diameter 4 ft with 10 ft of water in driest season) near village, close to which is small site for C-G, country and road as above.
		DHUBRI . . .	12	143	See Route 164. Country, road and nullahs as above.
		Total marches, 12 = 146 m			

Route No. 338.
FROM JALPAIGURI TO DINAJPUR.
via TITALYAH AND THAKURGAON.

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ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Jalpaiguri, Jalpaiguri.	JOHURI . . .	10	10	NOTE.—Route 338(a) is much shorter than this, but unsuitable for wheeled traffic. See Route 336.
		BHAJANPUR . . .	6½	16½	
		TITALYAH . . .	10	26½	
		ATWARI . . . p-o.	14	40½	
	Collector of Dinajpur, Dinajpur.	RUIHA 500 x 200 yds. b.	10	50½	A small village on left bank of the Nagar; supplies on notice; good water from wells (to be dug on notice) in vicinity of C.G., extensive site for which is on bank of the river, where animals may be watered; country slightly undulating and cultivated; road 16 ft. wide, unmetalled, but suitable for wheeled traffic; nullahs (generally fordable) temporarily bridged, but bridges unfit for guns; cross the Nagar at end of stage, by ford except after heavy rain, when a ferry (1 raft) is available.
		THAKURGAON 500 x 400 yds. p-o.	11	61½	A large village; supplies on notice; good but limited water from a well close to C.G., which is in b. compound; country level with rice and jute cultivation; road and nullahs as above; pass Fakirganj at 5½ m.
		FRANKNAGAR 200 x 100 yds.	12	73½	A village; supplies on notice; plentiful good water from a well and the Tangan, near which is site for C.G.; country, road and nullahs as above; cross the Tangan at 6 m., by ford in dry season, by ferry (several rafts) in the rains.
		KANTONAGAR . . .	12	85½	A small village on left bank of the Purnabhaba nullah; supplies on notice; good but limited water from a well close to C.G., site for which is near ruined b. and close to the nullah, water in latter unfit for drinking; country as above, but with patches of jungle; road as before; nullahs strongly bridged; cross the Purnabhaba at end of stage.
		DINAJPUR . . .	12½	98½	A small village on left bank of the Dhipa; supplies on notice; good water from the river, on bank of which and near temple is extensive site for C.G.; country level with rice cultivation; road as above; pass Birganj (p-o.), where a road branches off E. to Darwan r-s, distant about 14 m., at 7 m., and cross the Dhipa at end of stage, by ford in dry season, by ferry (1 raft) in the rains.
		Total marches, 9 = 98½ m.			See Route 103. Country undulating and jungle; road as above, except that it becomes wider during last half of stage; nullahs strongly bridged; pass Khoshalpur at 4 m.

Route No. 338(a).
FROM JALPAIGURI TO DINAJPUR.
via DEBIGANJ.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Jalpaiguri, Jalpaiguri.	KASIABARI . . . 30,000 sq. yds.	11½	11½	A small village; supplies on notice; good water plentiful; site for C.G. near village; country open and well cultivated; road unmetalled, but good; nullahs only difficult during rains.
		CHILAHATI (BRAWLAGANJ). r-s.	9½	21	A village; supplies on notice; good water procurable; small site for C.G. near village; country and road as above, but latter unsuitable for artillery.
	Collector of Dinajpur, Dinajpur.	DEBIGANJ . . . 36,000 sq. yds. p-o. b.	12	33	A large village on left bank of the Karata; supplies procurable; good water from the river, near which is site for C.G.; country and road as above.
		KHANSAMA 300 x 150 yds. p-o.	16	49	A village near the Atrai; supplies on notice; good water from the river, on bank of which is site for C.G.; country level and cultivated; road as above.
		SUNDEEPUR 250 x 100 yds.	10	59	A small village near the Atrai; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as above, latter impracticable for guns; nullahs weakly bridged; cross the Atrai en route, by ford in dry weather, by ferry (a bamboo raft) in the rains.
		DINAJPUR . . .	12½	71½	See Route 103. Country light jungle with occasional cultivation; road and nullahs as above.
		Total marches, 6 = 71½ m.			

Route No. 339.
FROM JALPAIGURI TO PURNEA.
via TITALYAH AND KISHANGANJ.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Jalpaiguri, Jalpaiguri.	JOHURI . . .	10	10	See Route 336.
		BHAJANPUR . . .	6½	16½	
		TITALYAH . . .	10	26½	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Purnea, Purnea.	CHOPRA 350 x 220 yds.	9	35½	A village on left bank of the Dank stream; supplies on notice; good water from the stream, 500 yds. S. of which is C-G.; country open and cultivated; road, 25 ft. wide, metalled and bridged; cross the Dank at end of stage.
		ALUABARI 350 x 180 yds.	9	44½	A small village; supplies on notice, good water, for a battn., from wells in vicinity of C-G., which is near b; country and road as above, pass Rangpur at 4 m.
		GAYBAL 450 x 310 yds.	11	55½	A small village; no supplies; water very limited and wells would have to be sunk. C-G. on roadside near b; country and road as above.
		KISHANGANJ	12	67½	Country and road as before; past Panjipara at 4½ m. See Route 211(a).
		ASURAGARH	10	77½	
		DINGRA GHAT	8	85½	For other remarks, see Route 211(a) See Route 211.
		LALBALU	12	97½	
		PURNEA	9	106½	For other remarks, see Route 312.
		Total marches, 11 = 106½ m.			

Route No. 340.
FROM JALPAIGURI TO RANGPUR.
via TANGAMARI

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dy. Commr. of Jalpaiguri, Jalpaiguri. Collector of Rangpur, Rangpur.	KASIBARI	11½	11½	See Route 338(a).
		CHILAHATI (SHAWLAGANJ).	9½	21	
		PANGA 20,000 sq. yds.	15	36	A small village; supplies must be collected; water obtainable by digging wells; site for C-G. in fields near village; country open and well cultivated; road 15 ft. wide, and unmetalled; nullahs strongly bridged, cross a stream, generally dry, near Gamati, by a ferry (1 small "dug-out") after heavy rain.
		TANGAMARI 100,000 sq. yds.	14	50	A small village near the Jamunetwari R., supplies must be collected; good water from the river, on bank of which about ½ m. W. of road is C-G.; country and road as above, but latter heavy in parts; cross the Shul Nadi twice en route; nullahs as before.
		KJILALGANJ 15,000 sq. yds.	12	62	A small village; supplies on notice; water only obtained by sinking wells, the water in the Bulai Nadi being undrinkable; site for C-G. in fields W. of road; country, road and nullahs as before; cross the Dhyjan nullah at Kishoriganj (p.o.) and the Bulai at end of stage, both strongly bridged.
		RANGPUR	12	74	See Route 128.
		Total marches, 6 = 76 m.			Country, road and nullahs as above, except that the latter is metalled for last 1½ m.; cross the Ghaghat about half-way, by ford in dry season, by ferry (can raft carrying 15 to 20 men) in rains.

Route No. 341.
FROM JAMTARA TO MURARAI.
via DOOMKA AND AMRAPARA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dy. Commissioner of South Parganas, Dumbur.	BIDIAPATAR b.	10	10	A village; supplies on notice; indifferent water from 2 tanks; C-G. anywhere in vicinity of village, country as above; road unmetalled, partly bridged, fair order and fit for all arms in dry weather, the Adajai R. is crossed en route fordable except when in flood.
		ANGUTIA b.	11	21	A small village; supplies on notice, indifferent water from 2 tanks; C-G. anywhere near village; country and road as before.
		MADHUBAN 200 x 70 yds.	11	32	A small village; supplies on notice; good but limited quantity of water from small stream; C-G. in a clearing in the forest, N. of road; country and road as before; latter runs along the foot of some steep hills for last 2 m.
		DUMKA	11	43	See Route 74.
		MANJHARA	7	50	Country and road as before; the More R. (always fordable) is crossed at 8 p.m. See Route 229.

Page	Date	Time	Location	Remarks
1	10/10/50	10:00	1000 ft	1000 ft
2	10/10/50	10:00	1000 ft	1000 ft
3	10/10/50	10:00	1000 ft	1000 ft
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7	10/10/50	10:00	1000 ft	1000 ft
8	10/10/50	10:00	1000 ft	1000 ft
9	10/10/50	10:00	1000 ft	1000 ft
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12	10/10/50	10:00	1000 ft	1000 ft
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18	10/10/50	10:00	1000 ft	1000 ft
19	10/10/50	10:00	1000 ft	1000 ft
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38	10/10/50	10:00	1000 ft	1000 ft
39	10/10/50	10:00	1000 ft	1000 ft
40	10/10/50	10:00	1000 ft	1000 ft
41	10/10/50	10:00	1000 ft	1000 ft
42	10/10/50	10:00	1000 ft	1000 ft
43	10/10/50	10:00	1000 ft	1000 ft
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46	10/10/50	10:00	1000 ft	1000 ft
47	10/10/50	10:00	1000 ft	1000 ft
48	10/10/50	10:00	1000 ft	1000 ft
49	10/10/50	10:00	1000 ft	1000 ft
50	10/10/50	10:00	1000 ft	1000 ft

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U.S. Navy	U.S. Navy	U.S. Navy	U.S. Navy
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97	98	99	100

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Route No. 344.
FROM JAUNPUR TO PARTABGARH
 and SUJANGANJ

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Oudh District Lucknow	Collector of Jaunpur, and part of Partabgarh	SIKHAHA	11	11	See Route 32.
		MACHHISHAHR	8	19	
		SUJANGANJ p-o.	9	28	A small village, supplies on notice plentiful good water from a well on roadside, near C G., small site for which is 4 m S of village, country level open and well cultivated, road unmetalled and low lying, passes near a sheet about half-way and is liable to be flooded in rains.
		RAMAPURA . 48 400 sq yds	10	38	
		PARTABGARH	12	50	A good sized village, supplies procurable plentiful good water from 2 wells W of C-G, which is on both sides of road and near village, country as above road unmetalled, but raised and bridged, practicable for all arms
		Total marches, 5 = 60 m			

Route No. 345.
FROM JEHANABAD RAILWAY STATION TO ARWAL.

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Allahabad District, Allahabad.	Collector of Gaya Gaya.	JEHANABAD 480 x 127 yds p-o. r-s b.			NOTE.—As the distances are short, the stage Gidhwa may be omitted A town, supplies procurable, good water from the Dardha R and from 2 wells in vicinity of C-G, which is S. of the town, on the banks of the river
		NAGLA 150 x 135 yds	10	10	
		GIDHWA	10	20	A village, supplies on notice; abundant water from 8 wells in vicinity of C-G, country cultivated, road unmetalled, bridged throughout No village, supplies scarce; water for 500 men from a well on C G, small site for which is N of road at 20th m, country as above; road raised, bridged, unmetalled, but fair, crosses the Punpun R. at 1 m., fordable in cold season, one boat, carrying 60 men, during the rains.
		ARWAL	2	22	
		Total marches, 5 = 22 m			See Route 35 Country and road as above; cross the Patna canal (bridged) en route.

Route No. 346.
FROM JESSORE TO CHAKDAHIA RAILWAY STATION.
 and GOPALNAGAR

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Presidency District, Fort William	Collector of Madan, Jessore, and Krishnagar	JHINKANGACHA	9	9	See Route 94
		JADABPUR	7½	16½	
		JOYNTIPUR	8	24½	
		GOPALNAGAR	9	33½	See Route 130
		CHAKDAHIA . RY SEN p-o. b.	16½	49	
		Total marches, 5 = 49 m			A large village, supplies on notice, abundant good water from 3 tanks close to C-G, E of and near which, also in the municipal gardens, are nuptial sites for C-G, country level and cultivated, road 24 ft. wide, metalled, bridged and suitable for all arms, pass Chakrudan at 8 m

Route No. 347.
FROM JESSORE TO FARIDPUR.
 and MUHAMMADPUR.

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Presidency District, Fort William	Collector of Jessore	BAGHAHARA p-o	11	11	A village and police stn, supplies on notice, plentiful but indifferent water from a nullah close to village, in fields near which is site for C-G, country low and subject to inundation; road raised above flood level 10 to 20 ft. wide and unmetalled, across the Bhyrab at Nilgani at 2 the Dytalnah nullah at 6 both strongly bridged, and pass Tarangaj at 6 m., whence a road branches off E to Noran (p-o.), distant about 14 m., cross a nullah at end of stage by ferry of 2 boats.

AUTHORITY.		Name of station and class of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Jessore, Jessore.	DUNAGHATI	9	29	A small village on the Chitra stream; no supplies; good water from the stream, near which is site for C.G.; country as above; road 14 ft. wide, unmetalled, with many unbridged branches and subject to inundation; cross the Chitra at end of stage by ferry, 1 boat carrying 25 men.
		NOHATA p.o.	7	27	A small village on right bank of the Noboganga; supplies on notice; good water from the river, near which is site for C.G.; country and road as above; nullahs unbridged but ramped; cross the Katki at 1½ and the Noboganga at Paltia Ghat at 6 m., both by ferry, 1 boat carrying 12 men.
		MUHAMMADPUR. p.o.	7½	34½	A village and police stn. on the Madhumati; supplies on notice; good water from the river, near which is site for C.G.; country and road as above.
		SYDPUR	4½	39½	Country and road as before. See Route 212. For other remarks, see Route 102.
		CHANDPUR	9	48½	
		KANAIPUR	4	52½	
		FARIDPUR	7	60½	
		Total marches, 8 = 597 m.			

Route No. 348.
FROM JESSORE TO PABNA.
via KUMARHALI.

AUTHORITY.		Name of station and class of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Jessore, Jessore.	BARANAZAR	10	10	A small village; supplies on notice; water indifferent and very limited in dry season; extensive site for C.G. in fields near village, when not under cultivation; country low; road, metalled and bridged, and above flood-level, fit for all arms; cross the Bhayrab R. at 6 m.
		KALIGANJ	8	18	A large bazar; supplies on notice; indifferent water from tanks; extensive site for C.G. in fields near village; country and road as above; cross the Chitra at end of stage. From Kaliganj a metalled road runs W. to Kishanganj r.s., distant 27 m.
		JHENIDAH	10	28	See Route 212. Country and road as above; cross the Beng. at 6 m., near the village of Baboi-khali.
		GARAKHALA	8	36	A small village on right bank of the Kumar; supplies must be collected; good water from the river; extensive site for C.G. in fields near village; country quite impassable in rains, except by boats; road fair in dry weather; nullahs unbridged; cross the Noboganga on starting by ferry, 1 boat carrying 35 men.
		PANTI	8	44	A small village; supplies on notice; abundant water from wells and tanks in vicinity of C.G.; extensive site for which is in fields near village; country low, but not subject to inundation; road metalled for first 1½ m. only; cross the Kumar on starting by ferry, 1 small boat carrying 12 men.
		KUMARHALI	6	50	See Route 102. Country as above; road unmetalled and unbridged; cross the Gorai at end of stage, by ferry, 2 boats.
	Collector of Pabna, Pabna.	PABNA p.o. &c. &c.	15	65	A small civil stn. on left bank of the Ganges; supplies abundant; good water from the river; site for C.G. in fields near town; country very low and frequently flooded; road as above; cross the Ganges at 7 m. by ferry, 2 large boats with platforms and landing stages.
		Total marches, 7 = 62 m.			

Route No. 349.
FROM JIANG TO CHICHAWATNI RY. STN.

AUTHORITY.		Name of station and class of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bengal Presidency District, Bahadur P.O.	Deputy Commr. of Military, at Bahadur P.O.	ROHANWALI	11	14	A police post; supplies on notice; plentiful good water from 3 wells near, but on the opposite side of the road to C.G., which is close to post; country flat, cultivated and slightly wooded; road unmetalled, except the first 3 m., heavy, but practicable for all arms.
		TORA TEK SING p.o. &c. &c.	11	25	A police post; supplies on notice; plentiful good water from the canal 1 m. off; site for C.G. near post; country as before; road as in latter part of last stage; cross a canal (bridged) at 5 m.
		HAJANA 200 x 100 yds. b.	10	35	NOTE.—The railway to this post is nearly finished; water will then be obtainable from a reservoir 200 yds. from camp.
		KAMALIA 330 x 200 yds. p.o. b.	11	46	A police post; supplies on notice; good but limited water from 2 wells and a small canal near C.G., which is close to post; country and road as above.
		CHICHAWATNI p.o. &c. &c.	10	62	A town; supplies on notice; plentiful good water from wells in and near town; C.G. b. of road and close to town; country partially cultivated; road as above.
		Total marches, 6 = 62 m.			A large village, 2 m. N. of r.s.; supplies on notice; plentiful good water from 3 wells, one at r.s. and the other on C.G., which is close to, and S. of, village; country covered with jungle; road as above, but liable to inundation near the Ravi, which is crossed at end of stage, by ferry during rains.

FROM JHANG TO DERA ISMAIL KHAN.

via ATHARANHAZARI, MANKERA AND BHAKKAR.

AUTHORITIES		Name of stage and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commr. of Jhang, Jhang.	DIRAJ 160 x 180 yds.	18	13	A large village; supplies on notice; plentiful good water from a well N. of C-G, which is S. of, and close to, village, and 3 m. E. of the Chenab R.; country cultivated; road unmetalled, but suitable for all arms.
		ATHAHANHAZARI 100 x 88 yds. p-o.	5	18	A village; supplies procurable; plentiful good water from 6 wells in vicinity of C-G, site for which is W. of and close to village; country and road as before; cross the confluence of the Jhelum and Chenab at 3 m. by bridge-of-boats in cold weather, by ferry (4 boats, each carrying 100 men) in hot weather.
		BHAREBIWALA 230 x 230 yds.	15	33	Several villages; supplies very scarce; indifferent water, for a bath, from a well N. of, and near, C-G, which is E. of village road; country a dreary waste; road as before, sandy after passing Dal at 6 m.
		HAIDARABAD p-o.	16	49	A village with an old dismantled fort; supplies plentiful; abundant good water from wells in vicinity of small C-G, which is N. of, and close to, rural; country and road as above.
		MANKERA 31,450 sq. yds. p-o b.	16	65	A large village, with a dismantled fort; supplies on notice; plentiful good water from wells near C-G, which is close to b. country as before; road metalled, but often difficult for carts when covered with sand; pass a well of good water about half-way.
		WELL KIRNA 47,370 sq. yds.	14½	79½	A sarai, supplies on notice, plentiful good water from wells in surrounding villages and a limited quantity from the well close to C-G, site for which is near sarai; country and road as in last stage.
		BHAKKAR	14½	94½	Country and road as above.
		LAK	18	107½	See Route 100.
		DERA ISMAIL KHAN.	7	114½	For other remarks, see Route 234.
		Total marches, 8 =			
		114½ m.			

Route No. 351.

FROM JHANG TO SHAHPUR.

via SAHIWAL.

AUTHORITIES		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Muzam Meer.	Deputy Commissioner of Jhang, Jhang.	OHAND BHAR WANA.	11	11	NOTE.—Troops marching from Shahpur to Multan would march by this, and Route 481, but the journey may be done in five days by the shortening as country boats at Khushab on the Jhelum, opposite to Shahpur. The distance is about 250 miles. The villages on the banks are small, few in number, and far apart, consequently supplies are not easily obtained.
		MUNDA, BHAR 424,500 sq. yds.	9	20	
		KOT-ISA BHAR p-o.	9½	29½	A large village near left bank of the Jhelum; supplies abundant, plentiful good water from a well 10 yds. E. of C-G, site for which is E. of road and S. of village; country for 3½ m. barren, afterwards well cultivated; road as above, but liable to inundation in summer.
		NIHANG 43,200 sq. yds. p-o b.	11	40½	A village, supplies on notice; plentiful good water from 3 wells about 250 yds. from C-G, which is E. of road and 1 m. from village, country level and highly cultivated, road 54 ft. wide, unmetalled, very fair and suitable for all arms.
		SAHIWAL 71,140 sq. yds. p-o b.	10	50½	A municipal town; supplies easily procurable; plentiful good water from a well on, and 8 others in vicinity of, C-G, which is about 1 m. E. of town; country and road as above.
		WADHI 89,200 sq. yds.	2½	53½	A small village, supplies on notice; plentiful good water from a well on, and 2 others in vicinity of, C-G, which is about 1 m. N. of village; country generally well cultivated, especially towards the river; road as above.
		SHAHPUR	10	72½	See Route 7. Country and road as before.
		Total marches, 7 =			
		72½ m.			

Route No. 352. FROM JHANSI TO GOONA.

225

via TALBAHAT, CHANDERI AND SHAHDAURA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandakhand District, Agra.	Deputy Commissioner of Jhansi, Jhansi.	KHAILAR . 180,000 sq. yds.	8½	8½	NOTE.—This route is preferable to No. 352(a), as the road is metalled as far as Talbahat.
		BAHINA . 23,000 sq. yds. p-o. r-s. b.	7½	16	
		BARARA . 100,000 sq. yds. p-o.	7½	23½	A good-sized village; supplies on notice; good water from a well on, and (for animals) from a tank close to C-G., site for which is near r-s. and ½ m. from village, liable to be partially flooded during monsoons; country and road as above; cross the Getari at 2½ m.
		TALBAHAT . 44,000 sq. yds. p-o. r-s. b.	8	31½	A small village near the Betwa R.; supplies must be collected; good water from 2 wells about 300 yds. from C-G., which is close to road and ½ m. from village; animals may be watered at the river ½ m. distant; country and road as above; pass the road to Sirus ferry over the Betwa on starting.
	Deputy Commissioner of Lalitpur, Lalitpur.	JAKHAURA . p-o.	11½	43	A town with a hill fort, on the banks of a lake; supplies plentiful; good water from a well on, and (for cattle) from a nullah 400 yds. from C-G., which is close to road and village; country and road as above; cross the Betwa soon after starting, by a causeway, except in rains, when being generally impassable, the river must be crossed at Sirus ferry; the marches then are— Bahina to Sirus . . . 12 m. Talbahat 9 „ } Resident at Gwalior.
		SARWARO .	11	54	A village; supplies on notice; plentiful good water from 2 wells 300 yds. from, and (for animals) from a tank near C-G., site for which is close to road and village; country as above; road, a fair weather one, unmetalled, but raised and bridged.
		CHANDERI . 200×200 yds. p-o.	9	63	A very small village near the Betwa; supplies must be collected; fair water from the river, close to which is site for large C-G.; country and road as above, but latter very rough in places and not well bridged.
		THOBAN . 60,000 sq. yds.	12	75	A large village, with a hill fort; supplies procurable; plentiful good water from several wells near C-G., which is close to road and village; country undulating and jungly; road as above; cross the Betwa soon after starting, by a ford in dry season, by ferry (one boat carrying about 50 men) in rains. From Bahina there is a rough track to Chanderi which avoids the double crossing of the Betwa, but it must be impassable for carts in the rains.
		AKROD . 37,500 sq. yds.	10	85	Sirus Ghat . . . 12 m. Achrol 11 „ Musjid Ghat . . . 10 „ Chanderi 12 „
		PACHHAR . 150,000 sq. yds. p-o. r-s.	10	95	A small village; supplies must be collected; water, for a battn., from a well about ½ m. from C-G., which is close to village and road; country level and chiefly cultivated; road as above.
		SHAHDAURA . 137,230 sq. yds. r-s.	10	105	A village with a small fort; supplies on notice; plentiful good water from wells near C-G., which is close to village and r-s.; country undulating, partially cultivated; road, a mere track, impassable for carts in rains.
		PINIGHATI . 130,000 sq. yds.	7	112	A large village with an old ruined fort; supplies procurable; plentiful good water from 2 wells, one on, and the other 100 yds. from, C-G., which is close to road and village; country level and chiefly cultivated; road slightly better.
		GOONA .	13	125	A very small village on right bank of the Sind R.; supplies must be collected; abundant water from a well on C-G., which is about 250 yds. from village and road; country undulating and jungly; road very roughly metalled; the ry. line passes near village.
	Resident at Gwalior, Gwalior.	Total marches, 13=			See Route 10. Country as above; road unmetalled, impracticable for carts in rains; cross the Sind on starting, by ford, and pass Fagaru r-s. at 8½ m.

Route No. 352(a). FROM JHANSI TO GOONA. via NIYAPUR AND NIJANA.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandakhand District, Agra.	Deputy Commissioner of Jhansi, Jhansi.	CHAMAURA . 34,260 sq. yds.	9	9	A small village; supplies must be obtained from Jhansi; good water from a well 200 yds. from C-G., site for which is near village, but liable to be flooded in rains; country chiefly jungle; road, metalled for first 2½ m. only, but practicable for carts except in rainy season, runs within ½ m. of the Fahnj during the last half of the march.
	Deputy Commissioner of Gwalior, Gwalior.	PANARI .	14½	23½	A village; supplies procurable; plentiful good water from wells in vicinity of village, near which is site for C-G.; country undulating and partially cultivated; road neither metalled nor bridged, but passable for wheeled traffic except during rains; pass Jaidora at 4½ and Dabki at 9 m.
		PACHHAR . p-o.	9	32½	A large village with a fort; supplies plentiful except fuel and fodder; water for a battn., from wells and tanks (water in latter not good) in vicinity of village, near which is site for C-G.; country and road as above; pass Rajpur at 6 m.

AUTHORITIES		Names of stages and also of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Bundelkhand District, Agra.	Resident at Gwalior, Gwalior	MYAPUR . .	11½	44	A village; supplies scarce; plentiful good water from wells, and the Mohwar stream near village, close to which is site for C-G, country hilly and cultivated in places; road as above.
		BARAPAHARA . .	12	56	A small village, supplies scarce; plentiful but indifferent water from the Ahir stream close to village, near which is site for C-G, country and road as above, but latter not so good, at 1 m. ascend the Myapur Ghat, short, but very stony, cross the Mohwar (fordable) en route.
		BANGABH . .	11	67	A village, supplies must be collected, good but very limited water from a spring and wells close to village, near which is small site for C-G; country level and partially cultivated, road as above.
		KALABAGH . .	12	79	A small village, supplies on notice, good water for a battn, from a well on C-G, small site for which is close to village and road; country and road as above.
		MIANA 750,000 sq yds	10	89	A small town with fortress; supplies plentiful; good water, for a battn, from wells and a stream (dry in hot weather) in vicinity of village, near which is E. of the Bombay road, is C-G; country undulating, with open jungle, road as above, cross the Sind (fordable but difficult) about half way.
		BRADAURA . .	5½	94½	Join the Bombay road soon after starting See Route 19
		GOONA . .	12	106½	
		Total marches, 10=106½ m			

Route No. 353.
FROM JHANSI TO NOWGONG.
via MAU

AUTHORITIES		Names of stages and also of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Bundelkhand District, Agra.	Deputy Commissioner of Jhansi.	From Collector's Court to—			
		BARWA-SAGAR . .	10½	10½	See Route 313
		SAKRAR . .	10½	21½	
		BANGRA . .	8	29½	
		MAU . .	11½	40½	
		KOTRA . . 81,220 sq yds.	7½	48½	A small village on left bank of the Dhasan R, supplies on notice, camel-grazing plentiful, good water from 2 wells on C-G, which is about ½ m from village and the river, where animals may be watered, country and road as above. There is no occasion to halt at Kotra except during the rains.
	Political Agent in Bundelkhand, Nowgong	ALIPURA . . 420 x 380 yds p-o	6½	53½	A large village, supplies procurable, plentiful good water from 3 wells close to, and (for animals) from a stream ½ m. from C-G, which is about ½ m from village country and road as above, except at the Dhasan, which is crossed on starting, by ford in dry season, by ferry (2 boats, each carrying 40 men) in the rains.
		NOWGONG 300 x 250 yds p-o t-s b.	10½	64½	A cantonment and civil sta, supplies abundant, plentiful good water from a well on C-G, which is E. of cantonments and 1 m. from p-o; country undulating and partially cultivated with patches of jungle, road metalled and good, pass Baragaon at 2 and Daura at 6 m.
		Total marches, 7=64½ m			

Route No. 354.
FROM JHANSI TO PHAPHUND RAILWAY STATION.
via PUNCH, KUNCH AND JALAUN

AUTHORITIES		Names of stages and also of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Bundelkhand District, Agra.	Dy Commr of Jhansi, Jhansi	BARAGAON . .	8½	8½	See Route 149
		CHIRGAON . .	9½	18	
		SEMRI . .	7½	25½	
		MOTH . .	7½	33½	
		PUNCH . .	8½	41½	

AUTHORITY.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Collector of Jalaun, Orat.	KUNCH . . .	13½	54½	See Route 153 (a). Country flat, open and partially cultivated; road unmetalled, but raised and bridged; pass Sunso at 7½ and Dori at 11 m.
		BHERE . . . 450 x 200 yds.	7½	62	A village; supplies on notice; plentiful good water from wells in vicinity of O-G., which is S.-E. of village and covered with babul trees; country and road as in last stage, but latter bad in rains; pass Pachipurna at 5 m.
		JALAUN . . .	10	72	See Route 153. Country and road as above; pass Chanikhas at 5 and Lena at 7 m. From Jalaun a road branches off S.-E. to Orat, distant 13 m.
		HADRUKH . . . p-o. b.	8	80	A village; supplies on notice; good water, for a battn., from a well W. of C-G., extensive site for which is on both sides of road, S.-E. of village; country as above; road good, metalled and bridged; cross the Malasga stream at 4½ and pass Shaikpur at 6 m.
		KUTHAUND . . . 400 x 250 yds. p-o. b.	7½	87½	A village; supplies on notice; good water, for a battn., from a well S. of C-G., which is near village and partly occupied by a large tank; country and road as above; pass Alampur at 2½ and Horsingpur at 4½ m.
	Collector of Etawah, Etawah.	AURAIYA . . .	9	96½	See Route 80. Country and road as above; cross the Jumna R. at 8½ m., by bridge-of-boats in dry season, by ferry (30 boats, each carrying about 60 men) in the rains.
		PHAPHUND RY. STN. 350 x 350 yds.	12	108½	Phaphund-town is about 8 m. S.-W. of the r.-s.; supplies procurable; plentiful good water from wells in vicinity of r.-s. on a large sandy plain near which is O-G.; country level, open and well cultivated; road as above; cross the Seyugar at Chachauli about half-way.
		Total marches, 12 =			
		108½ m.			

Route No. 355.

FROM JHANSI TO SAUGOR.

via TALBAHAT, LALITPUR AND MALTHON.

AUTHORITY.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Jhansi, Jhansi.	KHAILAR . . .	8½	8½	See Route 352.
		BABINA . . .	7½	16	
		BARARA . . .	7½	23½	
		TALBAHAT . . .	8	31½	
	Collector of Lalitpur, Lalitpur.	BANSI . . . 140,000 sq. yds. p-o. r-s. b.	13½	45	A village; supplies procurable; good water from a well on, and (for cattle) from a tank 300 yds. from, C-G., which is close to road and ½ m. from village; country level and chiefly jungle; road good, metalled and bridged; pass Jamalpur at 8½ m. From Banai an unmetalled road runs N.-W. to Jakhsaura, distant 10 m., but hardly passable in rains.
		LALITPUR . . . 87,280 sq. yds. p-o. t-s. r-s. b.	11	56	A small cantonment and civil stn.; supplies abundant; plentiful good water from a well on, and a nullah ½ m. from, C-G., which is near town on the Jhansi road; country level and chiefly cultivated; road as above; pass Nadanwara at 4 m.
		BIRDHA . . . 146,000 sq. yds. p-o. b.	11½	67½	A village; supplies procurable; good water from a well on O-G., which is 600 yds. E. of village and near road, liable to be flooded in the rains; country undulating with partial cultivation; road as above; cross the Sojad on starting, pass Ghatwar at 4½ and Bhousal at 7 m.
		GUSA . . . 154,880 sq. yds. b.	9½	77	A village; supplies on notice; good water from a well on, and (for cattle) from a tank close to, C-G., which is near road and village; country and road as above; pass Umrio at 6½ m.
		MALTHON . . . 272,400 sq. yds. p-o. b.	7½	84½	A small town with a fort, situated to the S. of the Namt Ghat; supplies plentiful; abundant good water from 2 wells on, and (for animals) from a small lake 700 yds. E. of C-G., which is ½ m. E. of road; country hilly, wild and barren; road as above; ascend ghat on starting.
	Deputy Commissioner of Saugor, Saugor.	RAJWAS . . . 272,260 sq. yds.	13	96½	A small village; supplies on notice; good water, for a battn., from a well on C-G., which is E. of road and near village; country as before as far as Barodes, 8½ m., thence barren; road as above.
		BANDRI . . . 272,260 sq. yds. p-o. b.	9	105½	A small village; supplies on notice; good water, for a battn., from a well on, and a stream E. of C-G., which is E. of road and near village; country barren; road as above.
		RANIPUR . . . 176,800 sq. yds.	8½	114	A small village; supplies on notice; good water, for a battn., from a well on C-G., which is E. of road and near village; country and road as before; cross the Deenan at 5 m. by ford over a paved Irish bridge except after heavy rain, when a ferry (1 boat carrying 25 men) plies.
		SAUGOR . . .	7	121	See Route 37. Country undulating and partially cultivated; road metalled for the last 2½ m. only; pass Kaperia at 5 m.
		Total marches, 13 =			
		121 m.			
G. O. C. Norbudda District, Jabulpore.					

Route No. 355 (a).
FROM JHANSI TO SAUGOR.
 via TIKANGARH AND SONRAI

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Bundelkhand District, Agra.	By Command of Jhansi, Jhansi.	From Collector's Court to—			NOTE.—Route 355 is better than this, being metalled and suitable for all arms
		BARWA SAGAR	10½	10½	See Route 313
		PIRTUPUR 42,000 sq yds	12½	23½	A good sized village; supplies on notice, plentiful good water from wells in vicinity of, and (for animals) from a tank ½ m from C-G which is close to road and ½ m. from village, country undulating and jungle, road neither metalled nor bridged, in very bad condition and hardly passable for loaded carts, pass Mahara at 6 m
		BANORI 400 x 150 yds	12½	36½	A village, supplies on notice, plentiful good water from 5 wells in fields near, and (for cattle) from a tank ½ m from C-G, which is on the roadside E. of village, country and road as above, pass Ootra at 8½ m
		BILGAN 160 x 160 yds	12½	49½	A very small village, supplies scarce, plentiful good water from 3 wells in fields near, and (for cattle) from a small tank ½ m from C-G, site for which is on roadside ½ m from village, country and road as above
		TIKANGARH (TEHRI) 70,000 sq yds. p-o.	9½	59	A large walled town with a fort, supplies plentiful good water from 3 wells near C-G, which is on roadside ½ m N of town, country partially metalled, road as above, excepting that the last few miles are metalled and bridged, and in fair condition
		MAHRONI 450 x 350 yds p-o	18½	77½	A good-sized village, supplies procurable, good water from wells in village, ½ m. from which, with an unmetalled road leading to it and close to a well, is C-G, country chiefly jungle, road as in latter part of last stage, cross the Jumna Nadi at ½ m, only impassable in very heavy flood
		SAIDPUR 100 x 80 yds.	9½	87½	A village; supplies scarce; brookish but drinkable water from wells on and near, and (for animals) from a tank close to C-G, which is near road and village, country open and cultivated, road unmetalled, but bridged and in fair condition; pass Mainwar at 4½ m
		SONRAI 250 x 160 yds.	9½	97	A small village, supplies must be collected, good water from a well near C-G, which is on road close to village; country chiefly jungle; road neither metalled nor bridged, and in very bad condition, hardly passable for carts in dry weather
		DHAMONI 193,600 sq yds	9½	99½	A small village supplies on notice, indifferent water for a bath from a well N of, and (for animals) from a tank near C-G which is W of road and near village, country undulating, road unmetalled but bridged and practicable for cavalry; nalais unsuitable for carts pass Tangana at 4½ m
G. O. C. Veroida District, Jabalpur.	Deputy Commissioner of Saugor, Saugor.	BABAUL 169,400 sq yds	9½	109	A small village near left bank of the Damun, supplies procurable; good water from the river, close to which and W of road is C-G; country hilly and jungle, road as above but better, pass Patharee at 4 m
		MASWASI	8½	117½	A small village, supplies procurable; good water, for a bath, from a well 200 yds E of C-G extensive site for which is E of road and village, country as above, road metalled and partially bridged, suitable for all arms, cross the Damun soon after starting by a causeway in dry season, by ferry (1 small boat) after heavy rain
		SAUGOR	6½	124	See Route 37
		Total marches 12=			Country hilly and jungle with partial cultivation, road metalled for last 2 m only, but bridged throughout
		124 m			

Route No. 356.
FROM JHANSI TO SIPRI.
 via KAREHA.

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Bundelkhand District, Agra.	Deputy Commandant of Jhansi, Jhansi.	RAKSA 300 x 200 yds p-o	7½	7½	A small village, supplies must be collected; plentiful good water from a stream and a well on C-G, which is on roadside, ½ m W of village, country flat, scrub-jungle and little cultivation, road metalled, bridged and kept in good repair, cross the Pahuj R at 3 m
		DINARA 100 x 100 yds p-o b	8½	16	A large village; supplies procurable, plentiful good water from a well on, and a large jheri close by, C-G, site for which is near road and about ½ m from village; country, scrub jungle, hilly and stony, road as above, pass Dangarwala at 3 m
		KAREHA 203 x 200 yds p-o b.	12	28	A small town, supplies procurable, good water from the Mohwar R, on bank of which and 1½ m W of town is extensive site for C-G; country and road as above; cross the Pulra stream at 7 m by a stone causeway.
		MITLONI 200 x 100 yds b	14	42	A small village near left bank of the Sind R., supplies scarce, good water from the river, on bank of which near bridge is site for C-G, country very hilly thick, stony jungle, road as before; cross the Mohwar on starting, past Amola (several wells here) about ½ m before reaching the Sind, which is crossed at end of stage
		SARUYA 150 x 150 yds b.	7	49	A small village no supplies, plentiful good water from a well on C-G, site for which is near b.; country less hilly and more cultivated, road as before.
		SIPRI	12	61	See Route 19
		Total marches, 6=			Country hilly, road as above
		61 m			

Route No. 356(a).
FROM JHANSI TO SIPRI.
via KARERA AND NARWAR.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy Commr. of Jhansi, Jhansi. Resident at Gwalior, Gwalior.	RAKSA . . .	7½	7½	See Route 356.
		DINARA . . .	8½	16	
		KARERA . . .	12	28	
		NAROWI . . . 72,400 sq. yds.	11½	39½	A village; supplies on notice; plentiful good water from 5 wells near C-G, which is 165 yds. from the river; country level; road unmetalled, and unsuitable for wheeled traffic; cross the Mohwar (generally fordable) soon after starting and pass Danduma at 4 m.
		NARWAR . . . 75,000 sq. yds. p-o.	8½	48	A good-sized town; supplies, fuel and fodder plentiful; abundant good water from a stream, tank and 4 wells near C-G, which is about 1 m. from the town; country hilly; road as in last stage.
		SATANWARA . . .	16	63	Country and road as above; cross the Sind R. (strongly bridged) during the first half of the stage.
		SIPRI . . .	9½	72½	See Route 19.
		Total marches, 7 = 72½ m.			

Route No. 357.
FROM JHELMUM TO DERA ISMAIL KHAN.
via PIND-DADAN-KHAN AND KHUSHAB.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	SANGHOI . . . p-o.	10	10	NOTE.—This route is suitable for artillery in dry weather only. A large village; supplies abundant; plentiful good water from a well, near which and close to same is small site for C-G; country well cultivated; road unmetalled, but good; cross the Khan nullah (a sandy bed 1 m. wide in dry weather, impassable after heavy rain) at 4 m.
		DABAPUR . . . 200x150 yds. p-o.	10½	20½	
		JALALPUR KIKNA . . . 100x100 yds. p-o.	10½	31	A village; supplies plentiful; abundant good water from wells close to C-G, which is near sarai and ½ m. from village; country and road as above; cross the Bunhar R. (impassable in the rains) at 7 m.
		DHARIALA . . . 250x100 yds. p-o.	10½	41½	A small town; supplies plentiful; abundant good water from wells close to, and (for animals) from a tank opposite sarai, near which and W. of town is site for C-G; country as above, but hilly; road unmetalled, indifferent, sandy and rocky in parts, winds in and out among the low hills of the salt range; pass Miriala at 4 m.
		PIND-DADAN-KHAN . . .	10½	52	A village; supplies abundant; good water from a well 600 yds. S. of sarai, and (for animals) from a pond in the village; the water of the other wells is brackish; C-G. near village; country partially cultivated; road unmetalled and fair, but swampy in wet weather; pass Sherpur at 5 m.
		AHMADABAD . . . p-o.	12	64	See Route 7(a). Country poorly cultivated; road as before; pass Hammpur at 5 m.
		BUGA . . .	12	76	A small town on the right bank of the Jhelum; supplies scarce; good water from the river, on bank of which and near town is site for C-G; country level; road unmetalled, but fair.
		RAJAR . . . p-o. r-s.	10	86	A small village; supplies on notice; good water from the Jhelum, distant 1½ m.; site for C-G. close to village; country and road as above.
		KHUSHAB . . .	9	95	See Route 7. Country and road as before; pass Sandral (p-o.) at 5 m.
		HADALI . . . 300x250 yds. p-o. r-s. b.	9½	104½	A village; supplies on notice; plentiful good water from wells in vicinity of C-G, which is close to village; country barren; road unmetalled and sandy but good.
		MITHA-TIWANA . . . 129,300 sq. yds. p-o. r-s.	6	110½	A village; supplies on notice; plentiful good water from a well on C-G, site for which is 1 m. from village and S. of r-s.; country and road as in last stage.
		ADHI SARGAL . . . 209x120 yds.	16	126½	NOTE.—Mitha-Tiwana is shown in place of Bijar (2 m.) as being a more suitable place of encampment. A small village; supplies on notice; good but limited water from wells in vicinity of C-G, which is near village; country as above; road unmetalled, somewhat heavy in parts, and difficult for wheeled transport.
		JANDANWALA . . . 160x100 yds. p-o.	16	141½	A large village; supplies on notice; plentiful good water from a well, near which and close to village is site for C-G; country and road as in last stage.
		HETU . . . 16,240 sq. yds.	10	151½	A small village; no supplies; plentiful good water from 3 wells, in vicinity of which and near village is site for C-G; country and road as above, but latter in better condition.
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.	SHARINWALA . . . 290x250 yds.	9	160½	A small village; no supplies; plentiful good water from 3 wells in village, close to which is site for C-G; country and road as before; pass Tinda at 5 m.
		DARYA KHAN . . . 170 x 80 yds. p-o. r-s. b.	12	172½	A large village on edge of the desert; supplies on notice; plentiful good water from wells near village; site for C-G. close to b.; country and road as before, but latter sandy and heavy towards end of stage.
		DERA ISMAIL KHAN . . .	14	186½	See Route 234.
		Total marches, 17 = 182½ m.			Country cultivated; road metalled in parts and heavy for wheeled traffic; the length of the stage will always depend on the position chosen every year for the bridge-of-boats at the Dera ferry over the Indus. For forries, etc., see page (1).

Route No. 358.
FROM JHELUM TO EDWARDESABAD.
 via CHAKWAL, TALAGANG, KALABAGH AND LAKE.

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	DINA	12	12	See Route 200.
		SOHAWA	18½	30½	
		BULBUL KHURD . 48,400 sq. yds.	14	30½	
		DUMAN (AMIRPUR MANGAN) 48,400 sq. yds. pro	14	68½	A small village; supplies scarce; good but limited water from a spring, near mid and W. of village is site for C-G., country cultivated; road unmetalled after it leaves the Grand Trunk Road at 1½ m., but fair and suitable for wheeled traffic.
		CHAKWAL	12	66½	
					See Route 7 (a). Country and road as above. There is another route to Chakwal from Jhelum, which makes the following stages:—
					Noktas 10 m.
					Armana 10 "
					Gum Utham 10 "
					Duman 10 "
					Chakwal 13 "
					TOTAL 63 m.
					A large village; supplies plentiful; good but limited water from a spring near C-G., site for which is N. of and close to village; country as above; road as before, but practicable for carts; cross the dry sandy bed of a nullah at 6½ m.
					See Route 7. Country intersected by nullahs; road runs chiefly along the bed and banks of the Drab and Gabir nullahs, sandy, impassable after heavy rain, and impracticable for carts at other times unless additional cattle are used; pass Drab at 6½ m.
					See Route 298.
			For other remarks see Route 298.		
G. O. C. P. F. Force, Abbottabad.	Deputy Commissioner of Rawat, Rawat.	BAL BIKHARI . . .	18	78½	See Route 7.
		TALAGANG . . .	14	92½	
		SINGWALA . . .	11½	106	See Route 298.
		TAMMAN . . .	8	118	
		SHAH MUHAMMADWALA . . .	12	126	For other remarks see Route 298.
		NIKI . . .	10	136	
		MARI . . .	17	163	See Route 4.
		KALABAGH . . .	3	166	
		KAMARMANWANI . . .	14½	169½	
		ISAKHEL . . .	14	183½	
		DARBA TANG . . .	8	191½	
		LAKI . . .	18½	207½	
NAURANG BARAI . . .	15	222½			
		EDWARDESABAD . . .	16	238½	
		Total marches, 19 =			
		238½ m.			

Route No. 359.
FROM JHELUM TO KOHAT.

via CHAKWAL, PINDIGHER, JAND AND KHUSHALGARH.

AUTHORITIES		Names of stages and size of encamp'g grounds.	DISTANCES.		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	DINA . . .	12	12	See Route 200.
		SOHAWA . . .	18½	30½	
		BULBUL KHURD . . .	14	30½	
		DUMAN (AMIRPUR MANGAN). CHAKWAL . . .	14	58½	See Route 358.
			12	66½	
					For other remarks see Route 7(a).
		MANDA . . .	12	78½	
		MUTRALA . . . 38,720 sq. yds.	27½	106	A small village, supplies on notice; good but limited water from a spring close to C-G., site for which is near village; country intersected by ravines; road 40 ft wide, unmetalled but suitable for camels.
		PINDIGHEB . . . P.O.	14	110½	
		BHAI DASSU . . .	10	120½	A large village, supplies procurable; plentiful good water from wells in vicinity of C-G., site for which is on flat ground close to village; country undulating and partly cultivated; road unmetalled and heavy, seldom used by troops; cross the Sohan R. (fordable except after heavy rain) soon after starting.
			A small village; supplies must be collected; indifferent limited water from a tank, near which is site for C-G.; country cut up by nullahs, but fairly cultivated; road as above, cross the Sal (fordable, except after heavy rain) soon after starting and pass Dhandi on the Rawal Pindi-Dera Ismail Khan road (Route 568) at 1½ m.		
JAND . . .	10	130½			
				See Route 6. Country and road as in last stage.	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. P. F. Feroz, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	KHUSHALGARH .	9	190½	} See Route 5.
		GUMBAT .	15	164½	
		KOHAT .	16	169½	
		Total marches, 18 =			
		169½ m.			

Route No. 359(a).
FROM JHELUM TO KOHAT.
via TALAGANG, PINDIGHEE AND KHUSHALGARH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	DINA . . .	12	12	} See Route 286.
		SOHAWA . . .	18½	26½	
		BULBUL KHURD .	14	39½	
		DUMAN (AMIR-PUR MANGAN).	14	53½	} See Route 368.
		CHAKWAL .	13	66½	
		BAL BIKHARI .	13	79½	
		TALAGANG . .	14	93½	} For other remarks see Route 7.
		SARUKOT . . .	8½	102½	
		DOKH PATHAN . (DOKH AFGHAN).	9½	111½	
		PINDIGHEB . .	9	120½	} Country as above; road neither metalled nor bridged and unsuitable for artillery. See Route 359.
		BHAI DASSU . .	10	130½	
		JAND	10	140½	
		KHUSHALGARH .	9	149½	} For other remarks see Route 359.
		GUMBAT	15	164½	
		KOHAT	16	170½	
Total marches, 15 =					
179½ m.					

Route No. 359(b).
FROM JHELUM TO KOHAT.
via CHAKWAL AND PINDIGHEE.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Rawal Pindi, Rawal Pindi.	DINA . . .	12	12	} See Route 266.
		SOHAWA . . .	18½	25½	
		BULBUL KHURD .	14	39½	
		DUMAN (AMIR-PUR MANGAN).	14	53½	} See Route 358.
		CHAKWAL .	13	66½	
		MANDA . . .	12	78½	} See Route 359.
		MUTRALA . . .	17½	96½	
		PINDIGHEE .	14	110½	
		NAKA KALAN .	12	122½	} A small village; supplies on notice; plentiful good water from wells, ½ m. from which is large site for C-G.; country hilly, stony and rough; road 34 ft. wide, unmetalled and unsuitable for artillery; it is seldom used by troops.
		HADOWALI (KADOWALI).	12	134½	
MAKHAD . . .	9	143½	} A small village; supplies scarce; indifferent limited water from a well in a nullah bed ½ m. from village; C-G. must be arranged for; country and road as above.		
					Country and road as before.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Punjab Frontier Force, Abbottabad	Deputy Commissioner of Kohat, Kohat	DHAND . . .	12	155½	A small hamlet, supplies on notice, good water, for a bath, from a spring near which is extensive site for G-G; country as before, road bed passing from one stony ravine to another, across the Indus on starting by ferry carrying 40 men.
		SHAKARDARRA . . .	12	167½	A village, supplies on notice, plentiful but brackish water from springs, near which is extensive site for G-G, country and road as before.
		SHAWAKI . . .	13	180½	A small village, supplies on notice, limited water from a tank, which sometimes dries up, extensive site for G-G near village, country and road as above.
		LACHI . . . 600 x 160 yds. p-o. b	9	189½	A large village, supplies on notice; plentiful good water from a well on; and (for animals) from a nullah near G-G which is 1½ of road and ½ m from village; country as above, road unmetalled, but good.
		KOHAT . . .	17	206½	See Route 5.
		Total marches, 16 = 206½ m			Country alternately hills and valleys and partially cultivated, road as before but practicable for guns, descend the steep descent of the Gadda Kbel (Ketal, passing Gadda Kbel at 8 and crossing the Tawi R. (difficult for a few hours after heavy rain) at 13 m.

Route No. 360.
FROM JHELUM TO MONTGOMERY.
via RANMAGAR HAFIZABAD AND GUGERA

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Gujrat, G. J. Ind	AURANGABAD	8½	8½	See Route 286
		KHOHAR p-o	9½	18	A village, supplies on notice, plentiful good water from wells in vicinity of C G, extensive site for which is in fields near village, country slightly hilly and partly cultivated, road, unmetalled and heavy in places, but suitable for all arms, runs along left bank of the Jhelum and crosses many hill torrents which are not difficult
		DINGA . .	16	28	See Route 302. Country jungle with little cultivation after leaving the Pabbi Range which is crossed by the Kori pass soon after starting, road as above, but unsuitable for artillery
		PARIANWALI	10½	38½	A small village, supplies on notice, plentiful good water from wells in vicinity of C G, extensive site for which is in fields near village, country level, open and cultivated, road, 30 ft. wide, unmetalled, but fair, pass Harianwala at 6½ m
	Deputy Commissioner of Gujranwala, Gujranwala	RAMNAGAR	12	50½	See Route 292. Country fairly cultivated, road as above, cross the Chenab (strongly bridged) towards end of stage.
		GAJARGOLA	11	61½	For other remarks see Route 290
		HAFIZABAD	10	71½	
		KHANGAH-DUGRAN KARKAN	18 14	89½ 108½	
	Deputy Commissioner of Montgomery, Montgomery	GAREBA	12½	116	See Route 301.
		LANDIANWALA	10½	126½	
		BAYADWALA	14	140½	
		JANDRAKA .	5	145½	For other remarks see Route 302.
		GUGERA .	10	155½	
		AKBAR .	6	161½	See Route 300.
KAUKA SHAH		10	171½	For other remarks see Route 300.	
MONTGOMERY	10	181½			
		Total marches, 17=			
		181½ m			

Route No. 361.
FROM JHELUM TO SHAHPUR.
via THE LEFT OF THE JHELUM

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Gujrat, Gujrat	AURANGABAD . . .	8½	8½	See Route 286
		KHOHAR . . .	9½	19	See Route 286

ATTRIBUTION.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Gujrat, Gujrat. Deputy Commissioner of Shahpur, Shahpur.	MUNG . . .	14	27	Country slightly hilly with cultivation on the slopes towards the Jhelum; road 90 ft. wide, unmetalled but suitable for all arms; pass Rasul (a ferry over the Jhelum here) and leave the neighbourhood of the hills at 8 m. See Route 302.
		RADSHAHPUR . .	15	42	
		MIANI . . .	11½	53½	For other remarks see Route 303.
		BHERA . . .	9	62½	
		CHAK-RAMDAS . .	11	73½	See Route 7 (a).
		JHAWARIAN . .	8½	82½	
		SHAHPUR . . .	11	93½	For other remarks see Route 7.
		Total marches, 8 = 98½ m.			

Route No. 361(a).
FROM JHELM TO SHAHPUR.
via JALALPUR KIKNA AND BHERA.

ATTRIBUTION.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum. Deputy Commissioner of Shahpur, Shahpur.	SANGHOI . . .	10	10	See Route 357.
		DARAPUR . . .	10½	20½	
		JALALPUR KIKNA . .	10½	31	For other remarks see Route 357.
		DHARIALA . . .	10½	41½	
		PIND-DADAN-KHAN . .	10½	52	See Route 7 (a).
		MIANI . . .	7½	59½	
		BHERA . . .	9	68½	For other remarks see Route 7.
		CHAK-BAMDAS . .	11	79½	
		JHAWARIAN . .	8½	88	
		SHAHPUR . . .	11	99	
		Total marches, 10 = 99 m.			

Route No. 362.
FROM JHELM TO SRINAGAR.

via CHAUMUK, PUNCH, THE HAJI PIR PASS, URI, AND BARANULA.

ATTRIBUTION.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Feroz Pindi District, Rawal Pindi. Kashmir Territory.	Deputy Commissioner of Jhelum, Jhelum. Resident in Kashmir, Srinagar.	DULIAL 48,400 sq. yds.	14	14	A small village on the right bank of the Jhelum; supplies scarce; plentiful good water from a well and the river, near which and S. of village is C.G.; country level, open, and cultivated; road unmetalled, but fair, and fit for carts.
		TANGROTE . . . p-o.	13	27	
		CHAUMUK . . .	10	37	A village in Kashmir territory on left bank of the Jhelum, elevation 1,302 ft.; good water from the river; country and road as before; cross the Jhelum (by ferry) on starting, and the Punch Tawi at end of stage. From Chaumuk there is a direct path to Kotli, but it is difficult and unfit for laden ponies.
		SENSAR . . .	21	58	
		KOTLI . . .	15	73	A large village on the left bank of the Punch Tawi R.; supplies procurable; good water from the river; country as before; road difficult, but practicable for laden animals.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
Kashmir Territory	Resident in Kashmir, Srinagar				From Ketli there is a path to Punch by the Sona and Nandheri Galls which makes the following stages— Mankot 18 m. Punch 16 " TOTAL 34 "
					There is also a route to Naoshera by the Ban nallah as follows— Koretta 16 m. Anroka 10 " Naoshera 12 " TOTAL 38 "
					This road is said to be fit for ponies.
		SAIBA	14	87	A village on the left bank of the Landa supplies procurable; good water from the river; country and road as before, pass Bamba about half-way, where good water is obtainable.
		PUNCH	16	103	
		KAHUTA	12	116	Country mountainous, road indifferent, cross the Punch Tawi by a ferry opposite the town.
		ALIABAD	9	121	
		HYDRABAD	8	132	See Route 303(a).
		URI	14	146	
		NAOSHERA	14	160	For other remarks see Route 8
		BARAMULA	9	169	
		PATAN	16½	185½	See Route 8
		SRINAGAR	17½	202½	
		Total marches 16 = 303½ m			

Route No. 363.
FROM JOWAI TO NOWGONG (ASSAM)
and YEWTHYMAI AND KAMPUR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam District, Shillong	Deputy Commissioner of Khasi and Jaintia Hills, Shillong	NARTIANG b	14	14	A large village on N bank of the Myntang R., supplies on notice from the market called 'Yawnlong' situated about 1 mile N of b; plenty weekly water from the river; small ste for C-G around b; country hilly, good to Nartiang follows the Shillong-Jowai road as far as the 20th m from b, road and then branching off to the right (N E), passes through the village Shillong tympian and Waypur, crossing the Umpawati R. at the 5th m, road up of steep average width 5 ft., wooden bridges, passable for ponies, there is a metalled (10m) from Jowai to Nartiang going N, but the stream is unbridged, short cut Myntang R., crossed twice, is not fordable in heavy rains, no passengers and the river being crossed by bamboo rafts.
		NAMDONG 410 × 200 yds	10	24	A village, no supplies obtainable, abundant water from streams near vill which is C-G, country as before, road a mere hill track some 8 yds, S. of passing over steep hills, procurable for ponies and mules, villages 0 ft wide, then and Nongmoll are passed en route.
		HYMPHUN 410 × 200 yds.	13	30	A halting place, supplies not procurable, abundant good water from close by; country very sparsely inhabited, road as before, crosses a stream down, Mungar, Pandakiar, and Myntang streams, unbridged, for the Nongmoll season.
		MINSER	16	61	A village, then and fodder for animals plentiful, other supplies as procurable on notice, good water from the Myntang stream; country, but for C-G available N and S of village road as before, cross the Myntang stream unbridged and unfordable, by bamboo raft, all other streams fordable in dry season.
		YEWTHYMAI (UNKARTO) 500 × 200 yds.	10	61	A village on S bank of the Unkarto at its junction with the Myntang R. secret except on the weekly market day, plentiful good water from it, supplies C-G E of village, country and road as in previous stages; on the river, small boats are brought from Nowgong with merchandise.
		KAMPUR 100 × 100 yds p. a. to r. a. b	32 (by river)	98	North - From Yewthymai to Kamper the track is practically impassable except active hill men; communication by water is however, possible also for any round, distance by river about 52 m.
		KOTIATILI 100 × 100 yds. p o b	6	99	A large village, supplies procurable; plentiful good water from a n and the Kapili stream; ste for C-G available W of the Kamper-Sank, well, and S of village.
		NOWGONG	12½	111½	A village, supplies procurable good water from 2 wells in vicinity of for latter being available W of the Kamper-Sank road and S.W. of C-G, ste Nowgong road, good road, unmetalled, average width 8 ft. bridge Doboka ordinary wheeled traffic; the Twilison R. (unfordable even in dry fit far is crossed in dry m by a ferry, some 10 to 13 days out are weekly season) carrying 17 to 24 men.
		Total stages, 8 = 111½ m			See Route 205. Road bridged, capable of bearing artillery, width 26 ft. unmetalled, the R. W. of town, is crossed by ferry except in the cold season when it becomes fordable.
					the Khasi

Route No. 364.
FROM JUBBULPORE TO BANDA.
via DAMOH, HIRAPUR, CHHATARPUR, AND MAHOBA.

AUTHORITIES.		Names of stages and size of encompassing grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbadda District, Jubbulpore.	Dy. Commr. of Jubbulpore, Jubbulpore.	BAILKHARO.	11	11	For other remarks see Route 37.
		KATANGI .	13	24	
		SINGRAMPUR .	9	33	
		JABHERA .	9	42	
		KOHTA .	11½	53½	
		DAMOH .	13	67½	
		NABSINGARH .	13	80½	
		BATIAGARH .	9	89½	
G. O. C. Bundelkhand Dist., Agra.	Pol. Agt. in Bundelkhand, Nongong.	BAIWAHO .	18	102½	See Route 150.
G. O. C. Nerbadda Dist., Jubbulpore.	Dy. Commr. of Sangor.	HIRAPUR .	10	112½	For other remarks see Route 310, See Route 145.
G. O. C. Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nongong.	SARWA .	0½	121½	
		MULBARA .	0½	123½	
		GULGANJ .	10½	139½	
		MATGAON .	11	149½	
		CHHATARPUR .	9½	159½	
		MALARA .	11½	171	
		SRINAGAR .	11½	182½	
		MAHOBA .	9½	191½	
G. O. C. Bundelkhand District, Agra.	Colr. of Huzirpur, Huzirpur.	KABRAI .	11½	203½	
		Colr. of Banda.	MATAUNDH. P.O. r-s.	10½	213½
			BANDA .	12½	226½
		Total marches, 21 =			A village; supplies on notice; plentiful good water from wells on and near, and (for animals) from a tank close to, C-G., extensive site for which is W. of village, sometimes inundated in rains; country cultivated; road metalled and bridged; pass Naddaura at 5 m. The r-s. is about 1½ m. from Matgaon.
		226½ m.			See Route 29. Country undulating, with partial cultivation; road as above; cross the Ken R. towards end of stage, by ferry, 16 large boats on notice.

Route No. 364(a).
FROM JUBBULPORE TO BANDA.
via DAMOH, HATTA, PANNA, BISRAM GHAT, AND DEOGAON.

AUTHORITIES.		Names of stages and size of encompassing grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbadda District, Jubbulpore.	Dy. Commr. of Jubbulpore, Jubbulpore.	BAILKHARO.	11	11	See Route 150.
		KATANGI . .	13	24	
		SINGRAMPUR . .	9	33	
		JABHERA . .	9	42	
		NOHTA . .	11½	53½	
		DAMOH . .	14	67½	

AUTHORITIES		Names of stages and area of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Nabulda District, Jubbulpore	Deputy Commissioner of Damoh, Damoh.	BANGAON 129 690 sq yds	12	79½	A village, supplies on notice, good water from a well and the Kopra R. within 100 yds of O G, which is 200 yds N of village, country level and cultivated, road metalled and partly bridged suitable for all arms, nullahs are crossed by causeways, pass Mahadpore at 6 and Munna at 8 m
		HATTA 68,090 sq yds p-o	11	90½	A small town on right bank of the Sonar; supplies abundant plentiful good water from a well and tank in view of O G, which is E. of and close to town; country undulating and cultivated, road unmetalled, but bridged and suitable for all arms; nullahs as above; pass Kahari at 5 m.
		HINOTA 116,100 sq yds	10	100½	A village, supplies on notice, plentiful good water from a well and tank near C-G, which is about 800 yds N of road, country level and cultivated; road and nullahs as above; pass Hardon at 5 m
		GAISABAD 169 980 sq yds	6½	106½	A small village near the Buzml; supplies on notice, good water from the river 100 yds W. of which is C G, country and road as above, pass Gaisabad village at 6 m
	Deputy Commissioner of Nongang, Nongang	TIGRA	9½	115½	A small village, supplies on notice, good water from the Ken R, 200 yds from left bank of which is into for O G; country as above; road as before, except after rains, when it becomes very difficult for wheeled traffic, cross the B arm on starting by ford in dry season; no arrangements for crossing in rains pass Sonam at 5 m
		MAHEWA 200 x 160 yds	14	129½	A village, supplies on notice, good water from a well near C-G, which is 600 yds N-W of village, country as above, road an ill-defined track, bad at all times, nullahs difficult, cross the Ken (fordable except after heavy rain) on starting, pass Kadim at 7 and Tai at 10½ m
		GONOUR 180 x 140 yds	9	138½	A village, supplies on notice plentiful good water from wells near C-G, which is ½ m. from village, country partially cultivated, road as above pass Jhanta at 5½ m
		KAKARATI 100 x 100 yds	8½	147½	A village; supplies on notice; plentiful good water from 3 wells one on, and the others near C-G, site for which is about 600 yds N of village, country as above, road a good cart track in dry weather, but impassable in places in rains for wheeled traffic, streams and nullahs generally fordable except after heavy rain
		PANNA	12½	160½	Country jungle road and streams as above, but former metalled and bridged for the last few miles
		BISRAMGANJ	12½	172½	See Route 70
		DEOGAON	8½	181½	
		KAHARI	11	192½	
		PANGARA	11½	203½	
G O C Bundelkhand District, Agra	Deputy Commissioner of Banda, Banda	GIRWAN	8	211½	For other remarks see Route 70
		BANDA	12	223½	
		Total marches 21 = 223½ m			

Route No 364(b) FROM JUBBULFORT TO BANDA.

via BILHERI PANNA, BISRAM GHAT, DEOGAON AND PANGARA

AUTHORITIES		Names of stages and area of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Nabulda District, Jubbulpore	Deputy Commissioner of Jubbulpore, Jubbulpore	PANAGAR	9	9	See Route 83
		GHOSULPUR	9	18	
		SIMORA	8	26	
		KUREA 9 600 sq yds p-o	16½	41½	A small village, supplies procurable; plentiful good water from 3 wells near, and (for animals) from a large tank W of C-G, site for which is 600 yds W of village where there are 20 other wells, country level and partially cultivated, road metalled for the first 4, unmetalled but suitable for all arms, for the next 5½ m thence a narrow pathway impracticable for wheeled traffic; nullahs unbridged.
G O C Bundelkhand District, Agra	Deputy Commissioner of Bundelkhand, Nongang	BILHERI 24 920 sq yds p-o	12	53½	A large village, supplies abundant; good water from the Bahera stream, 100 yds from which and 100 yds S. of village is site for C-G, with a well of good water on the ground, country cultivated for first 4 m., the remainder jungle, road unmetalled and unbridged, from 5 to 7½ m being a mere track unsuitable for wheeled traffic, nullahs fordable pass Undi at 10 m
		SAINAGAR 250 x 200 yds	16	69½	A large village, supplies abundant; plentiful good water from the Ken R and a well on C G, which is about ½ m. S of village; country hilly and rugged, road neither metalled nor bridged, across a steep rocky gl. at on starting suitable only for cavalry and infantry, pass Kahri at 7, on the Alopi R (fordable, except after heavy rain) at 8½, and pass Hardon at 8 m.
		BESANI 190 x 60 yds	9	77½	A small village in Panna state, supplies on notice; plentiful good water from a well near C-G, which is 100 yds N E of village, country rocky, hill, and jungle, road a mere bridle-path, cross the Ken (fordable except after heavy rain) at 1 m.
		SEVARIA 300 x 200 yds	13	90½	A very small village, supplies on notice good water from the Ken R, near which and about 200 yds N W of village, is C G; country nearly all jungle, road extremely difficult in parts for laden animals.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Political Agent in Bundelkhand, Newwong.	KHOFA 300 x 150 yds.	6	96½	A large village in Panua state; supplies on notice; plentiful good water from a well on, and 2 tanks near, C-G., which is ½ m. N. of village; country as above; road, simply a path through fields, suitable only for laden animals. Country slightly undulating and cultivated; road, as far as the Ken, as above, thence fair and suitable for carts in dry weather; nullahs generally fordable; cross the Ken at about 3 m., by ford, except after heavy rain, when small boats may be procured. There is a better route from Basni to Gonsaur (crossing the Ken at Behmar Ghat, where a halt might be made if desired) which makes the following stages:— Basni to Pawni 18 m. Gonsaur 17 " See Route 364(a). TOTAL 80 m.
		GONOUR	12½	109	
		KAKARATI	8½	117½	
		PANNA	12½	130	
		BISRAMGANJ	12½	142½	
		DEOGAON	8½	151½	
		NAHARI	11	162½	
		PANGARA	11½	173½	
		GIRWAN	8	181½	
		BANDA	12	193½	
		Total marches, 18 = 198½ m.			
					For other remarks see Route 79.

Route No. 365.
FROM JUBBULPORE TO HOSHANGABAD.
 with NARSINGHPUR, GADARWARA AND SOHAGPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jabulpoore.	Dy. Commr. of Jabulpoore, Jabulpoore.	MIRGANJ 250 x 200 yds. r.s.	9½	9½	A small village; supplies procurable; good water from a well, and (for animals) from a small lake, both N-W. of and close to C-G., which is S. of road country level and cultivated; road metalled and bridged, suitable for all arms; nullahs fordable; pass Gurha at 8½ m. A large village; supplies procurable; abundant good water from 3 wells, and (for animals) from 2 tanks in vicinity of C-G., site for which is near village; country, road, and nullahs as before, except that between 2½ m. and 8½ m. the road is unmetalled. A large village; supplies procurable; plentiful good water from 3 wells in vicinity of C-G., site for which is S. of road and near village; country undulating and covered with scrub-jungle, but cultivated towards end of stage; road unmetalled but partially bridged and suitable for all arms; pass Bilpathar at 3 and cross the Nerbudda at 5 m., by ford over loose heavy soil in the dry season, by ferry (1 boat carrying 20 men) in the rains; then ascend to Jannighat on the S. bank by a steep path. A large village; supplies procurable; plentiful good water from 2 wells, and (for animal.) from a stream near small C-G., site for which is 100 yds. N. of road; country level and cultivated; road and nullahs as above. A large village; supplies procurable; good water from the Sher B., 160 yds. from which and S. of road is site for C-G.; country and road as above; cross the Umar at 4½ and the Bangunga at 7 m., both generally fordable. A small civil stn.; supplies abundant; plentiful good water from 2 wells, and (for animals) from a nullah in vicinity of C-G., which is W. of and close to the Town Hall; country and nullahs as above; road as before for first 6 m., thence metalled and bridged; cross the Sher on starting by ferry (2 boats each carrying 20 men) and pass Khadars at 7 m. A large village; supplies procurable; plentiful good water from 2 wells 100 yds. from C-G., site for which is E. of and near village; country as above; road unmetalled; nullahs fordable; cross the Barrawa (generally fordable) at 4½ m. A large village; supplies on notice; plentiful good water from many wells in vicinity of C-G., which is 100 yds. E. of village and broken by 2 nullahs running across it; country and road as above, except that the latter is metalled for the first mile; pass Bandesar at 4 m. A large village; supplies abundant; plentiful good water from 3 wells, and (for animals) from 2 tanks in vicinity of C-G., which is 50 yds. W. of village; country, road, and nullahs as above; pass Kanriya (p-o.) at 9½ m. and cross the Sukur, near end of stage, by ferry; 1 boat carrying 40 men. A small village; supplies on notice; plentiful good water from 3 wells and the Umar stream near C-G., which is 500 yds. S-W. of village; country and road as above; pass Amgaon at 6 m. and cross the Umar (fordable) at end of stage; unsuitable for artillery.
		SHAHUPURA p-o. r.s.	8½	18	
		KAMARIA 10,000 sq. yds.	8	26	
		OHEINDWARA-CHOTA p-o. r.s.	5	31	
		BIBKHAIRA 120 x 100 yds.	11½	42½	
		NARSINGHPUR 240 x 160 yds. p-o. t-a. r.s. b.	11	53½	
		KARELI 20,000 sq. yds. p-o. r.s.	8½	62	
		PANARI 198,000 sq. yds.	8½	71½	
		GADARWARA 348,500 sq. yds. p-o. t-a. r.s. b.	12	83½	
		NANDNAIR 848,500 sq. yds.	7	90½	

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles	Total.	
G O C Nerbedda District Jubbulpore	Deputy Commr. in-charge of Hoshangabad Hoshangabad	BANKHEBI 877 910 sq. yds. p-o. r-s	15	100½	A large village; supplies procurable; plentiful good water from 3 wells and the Ole stream in vicinity of C-G, which is 550 yds N of village country road, and nullahs as above pass Panagar at 7½ m and cross the Duhli R. in med stage afterwards by ford in dry season by ferry (1 boat carrying 20 men) in the rains
		HATWAS 326,250 sq. yds.	12½	118½	A large village on left bank of the Kur ni; supplies procurable good water from the river and 10 wells in village ½ m N E of which is C-G country road and nullahs as above cross the Anjan at 5 m. and the Kur ni at end of stage both fordable except after heavy rain Pipara r-s is about 1 m. N. of Hatwas whence a road runs S to Pachmarh (see Route 536)
		SOHAGPUR 144,200 sq. yds. p-o. l-s r-s b	11½	130½	A large town; supplies abundant; good water from 6 wells and the Palakmati R. close to C-G, which is 20 yds E of village country as above; roads as before but partially brdged for first 8½ m, thence metalled pass Nawar at 4 and Nakta at 6 m
		SEMRI HARCHAND 800,800 sq. yds. p-o. r-s	7½	138½	A fair-sized village supplies procurable; plentiful good water from 4 wells and a nullah close to C-G, which is 200 yds. E of village country and nullahs as before road metalled for first 2½ m only cross the Palakmati on rising by ford in dry season by bridge ½ m up the river in the rains and pass Bamhouri at 2 m
		BABAI 760 x 400 yds. p-o	10	148½	A large village supplies procurable plentiful good water from numerous wells 3½ m close to C-G, which is 250 yds. E of village where the other wells are country and nullahs as above road neither metalled nor bridged, but passable for all arms pass Bhudwara at 6½ m
		TAWA RIVER near NIMSANDIA. 249 850 sq. yds. p-o.	6½	155	A village supplies on notice good water from the river on left bank of which is C-G. About 1½ m E. of Nimsandian; country level (partly cultivated and partly covered with tree-jungle road and nullahs as before pass Anshal ibert at 4 m and cross the Tawa at end of stage, by ford in dry season by ferry (1 boat carrying 20 men) in the rains
		HOSHANGABAD 500 x 400 yds. p-o. l-s r-s b	8½	161½	A cantonment and civil sta on left bank of the Nerbedda supplies plentiful good water from the river on bank of which and ½ m N W of town is C-G country slightly undulating and cultivated road metalled and bridged after the first 3 m pass Nimsandian at 1½ and Jhasulpur at 4 m
		Total marches, 17 = 161½ m.			

Route No 366
FROM JUBBULPORE TO NAGODE
 and THE GREAT DECCAN ROAD AND MATHAR

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles	Total.	
G O C Nerbedda District Jubbulpore	Deputy Commr. of Jubbulpore, Jubbulpore	PANAGAR	9	9	See Route 33
		GHOSULPUR	9	18	
		SIHORA	8	26	
		SLIMANABAD	18½	30½	
		PIPRODE	8½	49½	
		MURWARA	8	56½	
		KYLWARA	7½	64½	
		SUBAHGANJ	9	72½	
	Feldtial Agent Baghelkhand Station	GUNWARA	12½	85	A large village, supplies on notice plentiful good water from 2 wells near C-G extends to 1½ m for which is about ½ m E of village country undulating; road 24 ft wide unmetalled, but good in dry weather nullahs fordable except after heavy rain, cross the Jaly at 2½ m. by ford except after floods
		MATHAR	12½	97½	
		ACHNERA p-o. r-s	8	105½	
		MANDHA	9½	115	
		NAGODE	10½	125½	
		Total marches, 15 = 125½ m.			See Route 35. Country and road as above, latter difficult in rains nullahs and streams as before cross the Amra near end of stage by a good ford.

FROM JUBBULPORE TO NAGPUR as far as SUKRI (for remainder see Bombay Route Book Nos. 234 or 234 (1)).

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jubbulpore.	Deputy Commissioner of Jubbulpore, Jubbulpore.	NIGRI 350 X 230 yds.	10½	10½	A small village; supplies on notice; indifferent limited water from a well and nullah close to C.G., which is W. of road and near village; animals may be watered at streams about 160 yds. N. of the ground; country open, undulating, and mostly cultivated; road good, metalled, and bridged, except at the Nerbudda R. (320 yds. wide), which is crossed at 5½ m., by ford over an embankment in dry weather, by ferry (4 boats, each carrying 40 men, as well as a number of canoes) in the rains.
		SUKRI 400 X 310 yds.	9½	20	
		Total marches, 2 = 20 m.			A good-sized village; supplies procurable in small quantities; good water, for a bath, from 2 wells in vicinity of, and (for animals) from the Temar stream 80 yds. E. of C.G., which is 400 yds. N.E. of village; country undulating and jungle, with patches of cultivation; road as above; pass Bargi at 3½ m.

Route No. 368.

FROM JUBBULPORE TO NOWGONG.

via DAMOH, HIRAPUR, AND CHHATARPUR.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jubbulpore.	Dr. Commr. of Jubbulpore, Jubbulpore.	BALKHARO	11	11	For other remarks see Route 37.
		KATANGI	18	29	
		SINGRAMPUR	9	38	
		JABHEEA	9	47	
		NOHTA	11½	58½	
		DAMOH	14	72½	
		NARSINGARH	18	90½	
		BATIAGARH	9	99½	
		BAXWAHO	13	112½	
		HIRAPUR	10	122½	
G. O. C. Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nowgong.	SARWA	9½	132½	See Route 353. Country at first cultivated, afterwards covered with low jungle; road metalled and bridged; pass Dhamota at 6, cross the Urmal (bridged and generally fordable) at 7, and pass Man at 10½ m.
		MULBARA	6½	139½	
		GULGANJ	10½	150½	
		MATGAON	11	161½	
		CHHATARPUR	9½	171½	
		NOWGONG	14½	186½	
		Total marches, 16 = 174½ m.			

Route No. 369.

FROM JUBBULPORE TO SAMBALPUR AND UMARKANTAK as far as THIKARIA (for remainder see Bombay Route Book Nos. 263 and 270, respectively).

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jubbulpore.	Dr. Commr. of Jubbulpore, Jubbulpore.	BAKELA 24,200 sq. yds. P.O.	9½	9½	A large village; supplies abundant; plentiful good water from 2 wells, one 80 yds. S. of, and the other 100 yds. N. of, C.G., which is 300 yds. S. of road near entrance to village, and 600 yds. S. of a large tank, where animals might be watered; country level, open, and cultivated; road good, metalled, and bridged, practicable for all arms; cross the Gour at 6½ m., by a causeway in dry season, by ferry (4 m. W.) 1 boat carrying 20 men, in the rains.

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE		REMARKS
Military.	Civil		Miles.	Total.	
O O O Nerbudda District, Jabulpore	Deputy Commr. Nerbudda District, Mandla District, Mandla	DHANVAI . 200 x 80 yds. p-o b	16½	24½	A small village, supplies procurable, plentiful good water from a well 100 yds. W. of, and (for animals) from the Hingna (well and stream nearly dry in hot weather) 2 m from O-G, which is N E. of road at entrance to village; country undulating and jungly, road as above, at 2½ m ascend the Nagar Pahar hills by a ghat about 2½ m long; cross the Hingna at 18 m, by a low stone causeway in dry season, by ferry (1 boat carrying 20 men) in the rain.
		TIKARIA 180 920 sq yds. b	9½	33½	
		Total marches 3 = 33½ m			A village, supplies procurable from Narayangpur (p-o) about 1 m S-E, plentiful good water from a well 200 yds. S of and a nullah close by. O-G, which is on both sides of road, W. of and close to village, country and road as above pass Kalpi tank at 8½, and commence the descent of Kalpi Ghat (3½ m. long) at 4 m.

Route No. 369(a).

FROM JUBBULPORE TO UMARKANTAK as far as KUNDAM (for remainder see Bombay Route Book No 270 (1)).

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military.	Civil		Miles.	Total.	
O O O Nerbudda District, Jabulpore	Deputy Commr. Nerbudda District, Jabulpore	PARARIA . 300 x 120 yds.	16½	16½	A small village, supplies must be collected, wood and grass abundant, plentiful good water from a well, and a tank (dry in hot weather) E of and near O-G, which is on black cotton soil S of road and near village, country cultivated near road, otherwise jungle, road metalled and bridged, passable for all arms; pass Rangli at 4, Khimara at 6, and Umaria at 8½ m; at 10 m the Jheria Ghat is crossed, very stony.
		KUNDAM 100,000 sq yds p-o	18	28½	
		Total marches, 2 = 28½ m			A large village supplies procurable, plentiful good water from a well 100 yds. N E of, and from a large tank at the source of the Hiran R, W. of which and S of road near village is O G, country chiefly jungle, road undulating, unmetalled, but in good order and practicable for all arms in dry weather, pass Pypri at 4, Tikara at 7 and Mohani at 10 m., 12 nullahs are crossed en route, 2 only being bridged, but all are passable

Route No. 370.

FROM JULIUNDUR TO BAKLOH

via BATALA, GURDASPUR, AND PATHANKOT

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O O O Lahore District, Nawan Meer	By Commr of Jullundur	KATARPUR .	12½	12½	See Route 266
	By Commr of Jullundur	GIRANA .	8	20½	
	By Commr of Jullundur	MAHTA . p-o	16½	37	
	By Commr of Gurdaspur.	BATALA	10½	47½	A large village; supplies on notice; plentiful good water from a well on, and 2 others (which should be cleaned out before using) in vicinity of O G, extensive site for which adjoins the dispensary compound, country level, open, and fairly cultivated, road from the Beas E unmetalled, but level and in fair order; cross the Beas at Wazir Ghat at 4½ m, by a ferry, boats procurable on notice. The march from Girana to Mahta is a very long and arduous one, much time being taken in crossing the Beas a grass or straw road should be made across the heavy sand on either side of the river
	By Commr of Gurdaspur.	BIDHIPUR .	6½	54½	
	By Commr of Gurdaspur.	GURDASPUR	8½	63½	Country as above, road fair but liable to be flooded and breached near Ranghar Mangel which is passed at 8 m
	By Commr of Gurdaspur.	PARMANAND .	12	75½	
	By Commr of Gurdaspur.	PATHANKOT .	11½	87½	See Route 49
	By Commr of Gurdaspur.	SHANPUR	8½	96½	
	By Commr of Gurdaspur.	DHAR .	12½	109½	See Route 304.
	By Commr of Gurdaspur.	DUNERA .	10½	120	
	By Commr of Gurdaspur.	BAKLOH .	10	130	For other remarks see Route 175
	By Commr of Gurdaspur.	Total marches 19 = 130 m			For other remarks see Route 176

Route No. 371.
FROM JULLUNDUR TO DALHOUSIE.
via DASUYA AND PATHANKOT.

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AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dr. Commr. of Dy. Commr. of Jullundur, Hoshiarpur, Hoshiarpur, Jullundur.	KALA BAKRA 11,840 sq. yds.	14	14	A village; supplies on notice; plentiful good water from wells, one on, and others near, C-G., site for which is about 4 m. W. of village; country low, open and well cultivated; road good and metalled; pass by the city of Jullundur at 8, Reru at 4½ and Sangwal at 11 m.
		TANDA 155,010 sq. yds. p-o.	18	27	A large village; supplies procurable; plentiful good water from wells, one on, and others near, C-G., which is close to village; country and road as above; cross the Beyn at 3 and again at 6½ m., by ford in dry season, by ferry in the rains.
		DASUYA	10½	37½	} See Route 300. Country as above; road unmetalled, sandy and much cut up for first 2 m. thence good and practicable for carts; pass Bulan at 6 m.
		MUKERIAN	8	46½	
		MIRTHAL	12	68½	See Route 323.
		PATHANKOT	11½	70	For other remarks see Route 323.
		SHAHPUR	8½	78½	} See Route 304.
		DHAR	12½	90½	
		DUNERA	10½	101½	For other remarks see Route 370.
		NYNI KHUD	10	111½	} See Route 175. For other remarks see Route 304.
		DALHOUSIE	18	124½	
		Total march 124½ m.			

Route No. 372.
FROM JULLUNDUR TO DHARMSALA.
via SHAM, HARIPUR AND RANITAL.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dr. Commr. of Dy. Commr. of Hoshiarpur, Hoshiarpur, Jullundur.	ADAMPUR	10½	10½	See Route 50. Country level, open and well cultivated; road metalled and bridged; cross the Beyn near end of stage, dry in dry season, but dangerous to cross in flood. 1 m.
		SHAM	4½	15½	A small village; supplies on notice; plentiful good water from numerous wells in village, in fields near which is site for C-G.; country as above; road unmetalled but good; cross the Beyn (generally fordable) at 3½ m.
		HARIANA	11	26½	See Route 50(b). Country as above; road fair, except near the nullahs, where it becomes sandy and heavy; nullahs only difficult after heavy rain.
		DHALBUHA	9	35½	A small village at foot of the first range of hills; supplies on notice; plentiful good water from a hill stream near village, close to which is extensive site for C-G.; country and road as above.
		PRITHIPUR	11	46½	A village; supplies must be collected; plentiful good water from wells and a nullah in vicinity of village, near which is site for large C-G.; country hilly; road, an unmetalled hill track, narrow and only practicable for mule transport; pass Huti at 7 m.
		DADAR	13	60½	A small village near left bank of the Beas; supplies scarce; plentiful good water from wells in vicinity of village, near which is site for C-G.; country and road as in last stage.
		HARIPUR 23,800 sq. yds. p-o.	10	69½	A village; supplies on notice; plentiful good water from a well on, and streams near, C-G., site for which is at the foot of a hill, on which stands an old fort; country and road as above, but latter very steep in places; cross the Beas soon after starting, by ferry.
		RANITAL	6	75½	Country and road as above.
		KANGRA (BHOWAN.)	11	86½	See Route 329.
		LOWER DHARMSALA	9	95½	
		UPPER DHARMSALA	5½	100½	
		Total marches, 11= 100½ m.			

Route No. 373.
FROM JULLUNDUR TO FEROZEPORE.
via INDRISA GHAT

ADMINISTRATIVE		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Lahore District, Mean Meer	Deputy Commissioner of Ferozepore, Jullundur	From Cantonments to KALAH	11	11	A village in Kaporthala, supplies procurable with difficulty, plentiful good water from wells in village, near which is site for C-G, country level, open and well cultivated; road unmetalled and sandy, unfit for carts.
		DULLA	18½	24½	A village in Kaporthala, supplies procurable with difficulty, plentiful good water from wells in village, near which is site for C-G, country and road as above; pass Ad at 4, and cross the Amaritar-Nakodar road at 10 m.
		INDRISA GHAT 10 000 sq yds	9½	33½	C-G at village of Yusufpur, on right bank of the Sutlej, supplies on notice, abundant good water from wells; country and road as above
		TALWANDI . 86 800 sq yds P.O.	7	40½	A village, supplies on notice, plentiful good water from a well and a canal near C-G, which is opposite the village, country as above, road unmetalled, but in good condition, cross the Sutlej soon after starting by ferry
		KATORA . 90,500 sq yds	15	55½	A village, supplies procurable, good water from wells near C-G, which is 8-L of village on roadside, country well cultivated, road unmetalled, but fit for country carts and baggage animals, canals bridged
		FEROZEPORE	10½	66½	See Route 47.
		Total marches, 6 = 66½ m			Country as before, road as above to Ferozepore city, passed at 8 m, thence metalled

Route No. 374.
FROM JULLUNDUR TO GURDASPUR.
via TANDA AND BEYT FERRY

ADMINISTRATIVE		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Mean Meer	Deputy Commissioner of Gurdaspur, Jullundur	KALA BAKRA	14	14	See Route 371.
		TANDA	18	27	
		BEYT FERRY 87,120 sq yds	8	35	
		SATTALI	12	47	A village, supplies on notice, plentiful good water from wells and the Holmann Branch canal, near which is site for C-G, country and road as above; pass Tegalwala at 6½ m
		GURDASPUR	11	58	See Route 40.
		Total marches, 5 = 58 m			Country and road as above, nullahs strongly bridged, pass Sidhwan at 8½ and Thanwal at 7½ m

Route No. 375.
FROM JULLUNDUR TO HOSHIARPUR.

ADMINISTRATIVE		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Mean Meer.	Deputy Commissioner of Ferozepore, Jullundur	ADAMPUR	10½	10½	For other remarks see Route 372. See Route 50.
		HOSHIARPUR	18½	24	
		Total marches, 2 = 24 m			

Route No. 376.
FROM JULLUNDUR TO KAPURTHALA.

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Attractions.		Names of stages and size of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meeran Meer.	By Commr. of Jullundur.	From Cantonments to KAPURTHALA 60,500 sq. yds. p-o. (2-2).	15	15	A small town, the capital of the Kapurthala state; supplies and good water plentiful; C.G. on the parade ground; country level, open and well cultivated; road metalled and bridged; leave the Grand Trunk Road 4 1/2 m. from Jullundur Cantonments and 1 m. from the city. There is another road to Kapurthala via Kartarpur, but it is longer, being 12 1/2 m. to the latter place and 8 m. on to Kapurthala.
		Total marches, 1 = 15 m.			

Route No. 377.
FROM JULLUNDUR TO SLALKOT.
via THE GRAND TRUNK ROAD, BATALA AND BHANTAL.

Attractions.		Names of stages and size of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meeran Meer.	By Commr. of Jullundur, Jullundur, Amritsar, Delhi.	KARTARPUR	12 1/2	12 1/2	NOTE.—This route is not recommended as the Beas and Chanh rivers are difficult to cross; also the road is in bad repair in places. See Route 246.
		GHEANA	8	20 1/2	
		MAHTA	15 1/2	36	See Route 376.
		BATALA	10 1/2	46 1/2	
		DEHRA-NANAK	18 1/2	65 1/2	See Route 42(a). Country level and cultivated; road unmetalled, heavy in parts, but bridged and fair in dry weather.
		BODA 250 x 250 yds. p-o.	5	70 1/2	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Jullundur, Jullundur, Amritsar, Delhi.	BHANTAL 250 x 250 yds. p-o. b.	14	84 1/2	A large village, supplies on notice; plentiful good water from 2 wells on C.G., which is 1 1/2 m. from village; country as above, but liable to inundation in places; road as before; pass Sahi at 10 m.
		PHILLORA	13	97 1/2	
		SLALKOT	12	110 1/2	Country and road as above; cross the Beas (unbridged and unfordable after heavy rain) at 5 and the old bed of the same river at 6 m. See Route 236. For other remarks see Route 31.
		Total marches, 9 = 110 1/2 m.			

Route No. 378.
FROM JULLUNDUR TO SIMLA.
via BUPAL, KALEA AND THE OLD ROAD.

Attractions.		Names of stages and size of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meeran Meer.	By Commr. of Jullundur.	PHAGWARA.	12 1/2	12 1/2	See Route 226.
		BANGA 25,270 sq. yds. p-o. b.	14 1/2	26 1/2	
		NAWASAHIE 2,525 sq. yds. p-o. b.	6 1/2	33 1/2	A town; supplies plentiful; abundant good water from numerous wells and (for animals) from a tank in vicinity of C.G., site for which about 1/2 m. E. of town; country and road as above; pass Narha at 5 m.
		JADLA 15,525 sq. yds. p-o.	7	41 1/2	
		BAETHALA	11 1/2	53 1/2	A large village; supplies on notice; plentiful good water from wells on, and in vicinity of, C.G., which is about 1/2 m. E. of village; country cultivated; road unmetalled but good; cross the Beas at 2 1/2 and again at 5 m., both places bridged. There is another road from Nawasahie to Jadla via Nahan, but this is circuitous. See Route 231. Country as above; road unmetalled, heavy and sandy in places; join the Hoshiarpur-Simla road before passing Dalachor, 6 m.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Sirsa District, Umballa.	By Commr. of Umballa, Umballa.	RUPAR . . .	9	92½	See Route 381.
		KURALI . . .	9½	71½	
		KHANAR . . .	7½	70½	
		KHERI . . .	8	87½	
		CHANDIGARH . . .	8	96½	
	By Commr. of Sirsa to Stupa. Deputy Commissioner of Sirsa.	KALKA . . .	7½	103	A large convalescent depot, and small civil stn.; supplies abundant; good road from two springs down the hill about 1 m. from C-G., which is on the left parade ground adjoining road, and about 200 yds. before reaching the Church country mountainous with cultivation in valleys; road, 8 to 10 ft. wide, unmetalled, spans the whole way, passable for mountain artillery.
		KASAULI 120 x 110 yds. p-o. t-s. b.	9	112	
		KAKARHATTI . . .	11½	123½	
		SAIRI . . .	10½	134	
		SIMLA . . .	10½	144½	
		Total marches, 15=			Country and road as above, but latter has very steep ascents and descents, ruling gradient 1 in 10; cross the new road at 1½ (from this point Dharmpur and Dagehni are distant 5 and 9½ m. respectively), then descend steeply to the Gumbhar (fordable except after very heavy rain) which is crossed at 6½ m., pass the road to Sabatha at 7½ m.
		144½ m.			
					See Route 381(a).
					For other remarks see Route 381.

Route No. 379.
FROM JALLUNDUR TO SIRSA.
via NAKODAR, DHARMKOT AND BATHINDA.

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Mean Meer.	Deputy Com- missioner of Ferozepore, Ferozepore.	KUNG SAHIBA 10,000 sq. yds.	9	9	A village; supplies on notice; plentiful good water from wells; site for C-G. W. of road; country cultivated; road metalled and bridged, suitable for all arms.
		NAKODAR 100 x 85 yds. p-o. t-s. b.	6	15	A town; supplies on notice; abundant good water from a well on C-G., site for latter N. of town and E. of road; country and road as before; the Beyn stream is crossed at 1 m. (ferry in the rains).
		KAWAN FERRY	13½	28½	Supplies must be collected; good water from the Sataloj and wells 1 m. from ferry; no regular C-G. but site available on left bank of the river; country open and well cultivated; road as before; there are 16 boats, each carrying 50 men, at the ferry; pass Shahkot at 8 m.
		DHARMKOT p-o.	7	35½	A small town; supplies plentiful; abundant good water from wells; no regular C-G., but land for the purpose can be obtained on application to the zamindars; country as before; road unmetalled but fair.
		MOGA p-o.	10	45½	Two villages; supplies abundant; plentiful good water from wells; land for encamping must be obtained from the owners, country and road as before; the Ludhiana-Ferozepore road (Route 424) is crossed at 9 m.
	Deputy Commissioner of Ferozepore, Ferozepore.	BAGHAPARANA	9½	56	See Route 256. Country and road as before; pass Singharwala at 3½ m.
		BRUGTA	13½	69½	A large village; supplies on notice; plentiful good water from 3 wells; extensive site for C-G. W. of village; country and road as before; pass Thurot at 9 and Dilwan at 10½ m.
		NATHANA p-o.	12	80½	A large village; supplies on notice; plentiful good water from 4 wells; C-G. anywhere in vicinity of village; country and road as before; pass Kot Gurn at 3½ m. and Khawar at 20 m.
		BATHINDA	18½	98½	Country as before; road, a mere track but passable for all arms.
		KOT BAKHTU	12½	106	See Route 261(a).
G. O. C. Sirsa District, Umballa.	By Commr. of Hissar, Hissar.	PIPLI	11	117	For other remarks see Route 261.
		ODHA	7	124	
		SAHUWALA	8	132	
		SIRSA	10	142	
		Total marches, 14=			
		142 m.			

Route No. 380.
FROM KALPI TO NOWGONG.
via JALALPUR, RATH AND HARPALPUR BY. STN.

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ACCOMMODATION.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandelkhand District, Agra.	Colr. of Jalapa, Oud.	ITAURA . . .	7	7	See Route 76.
		JALALPUR . . .	13	20	
		AMUND 184,050 sq. yds.	13	33	
	Collector of Hamirpur, Hamirpur.	RATH . . .	10½	43½	A village near left bank of the Byra stream; supplies on notice; plentiful good water from the stream, wells in village and one on C-G., which is 200 yds. N. of village; country low and cultivated; road unmetalled, heavy and swampy during rains, and unfit for traffic; pass through the Sarila state during last half of march. See Route 312. Country and road as before; cross the Byra at 2, by ford, except when in flood, which however subside quickly, and pass Bahpur Nanda at 4½ m. See Route 312(a).
		NAKRA . . .	9	62½	
		PANWARI . . .	4	66½	
		MAHODKAND 84,500 sq. yds.	7½	63½	
	Pol. Aut. in Bandelkhand, Nowgong.	HARPALPUR BY. STN. p-o.	6½	69½	A village; supplies on notice; plentiful good water from 2 wells in village, 700 yds. E. of which is C-G. with 2 wells on it; country as before; road neither metalled nor bridged, and heavy for wheeled traffic in rains; pass Bahadurpur at 4 m. A p-o. on the I. M. Ry. supplies on notice; plentiful good water from 2 wells near sta., road which is extensive site for C-G.; country and road as before; cross the Kewari stream (always fordable) towards end of stage. Country as before; road good, metalled and bridged. See Route 253.
		ALHURA . . .	8½	78	
		NOWGONG . . .	10½	88½	
		Total marches, 10 = 55½ m.			

Route No. 380(n).
FROM KALPI TO NOWGONG.
via RATH, PANWARI AND KULPAHAR.

ACCOMMODATION.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandelkhand District, Agra.	Colr. of Jalapa, Oud.	ITAURA . . .	7	7	See Route 76.
		JALALPUR . . .	13	20	
		AMUND . . .	13	33	
	Collector of Hamirpur, Hamirpur.	RATH . . .	10½	43½	See Route 340. Country as before; cross the Byra at 2, by ford, except when in flood, which however subside quickly, and pass Bahadurpur at 4½ m. See Route 312(a).
		NAKRA . . .	9	62½	
		PANWARI . . .	4	66½	
	Pol. Aut. in Bandelkhand, Nowgong.	BHAERWARA . . .	7	63½	A village; supplies on notice; plentiful good water from 2 wells and a tank in vicinity of C-G. well site for which is 250 yds. S. of village, where there are 4 other wells; country unmetalled and cultivated; road neither metalled nor bridged, and is fordable except when in flood; pass Chhatrapur at 2 m. and cross the Bhanga river afterwards, by ford over a stone causeway, except during floods, no small boat available. There is a direct road from Bharsana to Jalpur, latter village distant 7 m. A large village; supplies plentiful; abundant good water from one well on, and many others in vicinity of C-G. small site for which is 200 yds. S. of village, and on the edge of a tank; country as before, but latter heavy and swampy in the rains; no site as before; pass Sonagra at 4½ m. From Kulpahar a good road runs N. to Mahoba, distant 15 m. A village W. of the Bhoj Tal. a large tank; supplies on notice; plentiful good water from one well on, and 2 near C-G. site for which is ½ m. W. of village where there are many wells; camp approached by a track; country and road as above. A village; supplies on notice; plentiful good water from a well B.E. of C-G., which is about ½ m. S.W. of village, where there are two more wells; country and road as above; stream fordable except after heavy rain; pass Ajar (p-o) at 6 and Indrabati at 10 m. See Route 323. Country and road as above, latter leads into Nowgong through the civil lines, at N. end of the sta.
		KULPAHAR . . . p-o. r-o. h.	7	70½	
		JAIPUR . . . 21/00 sq. yds. p-o. r-o. h.	5	75½	
		GHANGHORA 25/00 sq. yds.	13½	89½	
		NOWGONG . . .	6	95½	
		Total marches, 11 = 95½ m.			

Route No. 381.
FROM KARNAL TO FERIZPORE
 via KATHAL, SUNAM AND BHADHAUR.

AUTHORITIES		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Sahib District, Umballa	Deputy Commissioner of Karnal, Karnal	NAISANG 177,000 sq yds. p-o b	14½	14½	A fair-sized village, supplies on notice; plentiful good water from 8 wells on and 2 others near C-G, site for which is E of village, close to the tank; there is another good site for encampment near b, country cultivated with jungle here and there, road metalled for first 2½ m. only, but passable for all arms, canal and distributaries strongly bridged, pass Mayara at 8½ m
		FATEHPUR 99,850 sq yds p-o b	13	27½	A large village, supplies on notice except grass, which is only obtainable in the rainy season, plentiful good water from a well 700 yds. N of village, E of road and 850 yds. from which is site for C-G country and road as above, latter strongly bridged
		KATHAL 189,650 sq yds p-o t-t b.	12	39½	A small town; supplies, except grass, on notice, abundant good water from 3 wells, one on, and the others about 150 yds from C-G site for which is S of road and near town; country and road as above
		BARTA	11½	51	A village, supplies on notice, good water from village wells, space in surrounding fields for encampment of troops country open, level and partially cultivated road unmetalled, but good
	Chief Secretary to Punjab Government	DATHAL	12½	63½	A village, supplies on notice, good water from village wells surrounding fields available for encampment of troops; country and road as in last stage, cross the Sarasti and Ghaggar en route, both fordable except after heavy rain
		DIRBA	12	75½	A small village in Patana, supplies and fodder on notice; plentiful good water from wells in vicinity of village, near which is extensive site for C-G, country and road as before, pass Niyal at 3 and Dungal at 5 m
		SUNAM	14	89½	Country and road as before, pass Tul Banjara at 2 m
		LANGAWAL	8½	98	
	Deputy Commissioner of Ferozepore, Ferozepore	HADIYA	18½	111½	
		UGAIRI	7	118½	
		BHADHAUR	8½	127	
		NIHAISINGH WALA	8½	135½	See Route 255
		BAGHAPARANA	13	148½	
		MOODKEE	14	162½	
G O C Lahore District, Mian Mir		MIRI WALA	9½	171½	
		FERIZPORE	10	181½	For other remarks see Route 47
		Total marches 16 =		181½ m	

Route No. 381(a).
FROM KARNAL TO FERIZPORE.
 via GOELA AND LADDA.

AUTHORITIES		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Sahib District, Umballa	Deputy Commissioner of Karnal, Karnal	SADALI 341,000 sq yds	13	13	A small village; supplies on notice, good water, for a bath, from several wells in village, E of which and close to road, and a well in site for C-G; country level and covered with jungle; road 40 to 80 ft. wide, unmetalled, and in dry weather passable for all arms; pass Sagga at 11 m.
		KOEL 85,850 sq yds p-o b.	11	24	A large village, supplies except grass, on notice, plentiful good water from 2 wells on, and (for animals) from a tank near, C-G, site for which is 150 yds W of village; country and road as above; pass Sakrah at 7½ m
		PIHAWA p-o b	12	76	A large village, supplies on notice, plentiful but indifferent water from wells in and around village ½ m W of which is ample site for C-G; country and road as above, cross the Sarasti (dry in cold weather) twice, just before reaching and immediately after passing Pihawa, by ford except when in flood; no ferry Note.—Mangra (the former halting place) is avoided, there being no water or supplies there
	Chief Secretary to Punjab Government	GOELA	19	65	A large village supplies procurable with difficulty, fair water, for a bath, from a well near C-G site for which is close to b and about 600 yds from village, country level and cultivated, but flooded in the rains and impassable for troops; road, merely a village track.
		KULARAN p-o	19	68	A village in Jhind territory, supplies on notice, good water from wells close to village, space in surrounding fields for encampment of troops, country level, mostly jungle, with partial cultivation, road unmetalled and very bad, suitable for troops in dry weather only, cross the Ghaggar en route, by ford in dry weather, by ferry (1 boat carrying 35 men) in the rains, and the Ghaggar (generally fordable) at 10½ m
		CHUNHAIMI	9½	77½	A village in Patana territory, supplies on notice; good water from several wells close to village, space in surrounding country for encampment of troops, country level, and road as in last stage, pass Balwandi at 3½ and Ramgarh at 6½ m

ATTACHMENTS.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Umballa.	Chief Secretary to Punjab Government.	LADDA . . .	12	80½	A small village; supplies on notice; good water from wells close to village; space in surrounding country for encampment of troops; country and road as above; pass Balian at 8½ and Baddogson at 9 m.
		JULORE . . .	12	101½	A small village; supplies on notice; good water from wells close to village; space in surrounding country for encampment of troops; country open and sandy, with partial cultivation; road unmetalled and heavy in places; pass Punawal at 2, Mulawal at 6, and Sultanpur at 8 m.
		CHANDANWAL . .	18½	114½	A small village; supplies on notice; plentiful good water from 5 wells near G-G., site for which is N. of and close to village; country and road as above; canal bridged; pass Kalah at 11 m.
		NIHALSINGH-WALA .	14	128½	Country level, open and partially cultivated; road a little better than in last stage; pass Bayla at 5 and Bhagi at 9 m.
		BAGHIAPARANA .	18	141½	
		NOODKEE . . .	14	155½	See Route 236.
		MISRIWALA . . .	9½	165	
		FEROZPORE . . .	10	175	For other remarks see Route 47.
		Total marches, 14 = 175 m.			

Route No. 382.
FROM KARNAL TO HISSAR.
via JHIND AND HANSI.

ATTACHMENTS.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Hissar, Hissar.	MUNAK . . . 65,060 sq. yds. p-o. b.	15½	15½	A small village; supplies on notice; plentiful good water from wells close to, and (for animals) from the canal 300 yds. from C-G., site for which is W. of and near village; country open and well cultivated; road unmetalled, but possible for all arms.
		SUFAIDON . . . p-o.	11½	30	A village in Jhind territory; supplies on notice; good water plentiful; site for C-G. near village; country as above, but with jungle here and there; road tolerable, except after heavy rain; cross canal (bridged) twice en route.
		ZAMNI . . . b.	11½	41½	A village with a canal; supplies on notice; plentiful good water from the Hansi canal near village, close to which is site for C-G.; country and road as in last stage; nullahs not difficult; cross the canal (bridged) en route.
		JHIND . . .	15	56½	Country as above; road very fair in dry weather; nullahs offer no difficulties. See Route 256(a).
		NARNAUD . . .	13	69½	
		HANSI . . .	14½	84½	For other remarks see Route 256(a). See Route 191.
		HISSAR . . .	14½	99½	
		Total marches, 7 = 94½ m.			

Route No. 383.
FROM KARNAL TO LUDHIANA.
via GOELA, NABHA AND MALER-KOTLA.

ATTACHMENTS.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Karnal, Karnal.	SANLI . . .	15	15	See Route 351(a).
		KOEL . . .	11	26	
		PIHEWA . . .	12	38	
		GOELA . . .	19	57	
	Chief Secretary to Punjab Government.	SANANA . . . p-o.	12	67	A large village in Patiala territory; supplies and fodder on notice; abundant good water from 7 wells in vicinity of village, near which is site for C-G.; country level, open and well cultivated; road unmetalled, but tolerably good; cross the Ghaggar R. soon after starting and the old course of the river at 4 m., by ford except after heavy rain.
		NABHA . . . p-o. p-o.	16	83	The capital of Nabha territory; supplies must be arranged for; plentiful good water from 4 wells near C-G., small site for which is about 100 yds. from town; country and road as before; pass Khanpur at 4 m. From Nabha road branches off E. to Patiala, distant about 15 m.
		AMARGARH . . . p-o.	11	94	A small town in Patiala; supplies and fodder on notice; good water, for a battn., from wells in vicinity of town, near which is site for C-G.; country as before; road metalled and bridged; cross the Chyga at 4 and pass Mahali at 9 m.
		MALER-KOTLA . . . 255,590 sq. yds. p-o. t-o.	10	104	Two large villages; supplies plentiful; good water from 6 wells in vicinity of C-G., which is on the general parade ground; country and road as above; pass Mahurana at 4 and Mahatganj at 9 m.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Lahore District, Meeran Meer.	Dr. Commr. of Ludhiana, Ludhiana.	DEHLON . . .	16	119	A village; supplies on notice; plentiful good water from wells in vicinity of village, near which is site for C-G.; country as above; road unmetalled, but passable for all arms; pass Bhagival at 4 and Lahra at 12½ m. See Route 260. Country and road as in last stage; pass Alamgir at 4 m.
		LUDHIANA . . .	12	131	
		Total marches, 10 = 131 m.			

Route No. 384.
FROM KARNAL TO MEEAN MEER.
 via GOELA, LADDA, KOT-ISE-KHAN AND HARIKI.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Karnal, Karnal. Chief Secretary to Punjab Government.	SANLI . . .	18	18	See Route 351(a).
		KOEL . . .	11	24	
		PIHEWA . . .	12	36	
		GOELA . . .	19	55	
		KULARAN . . .	18	68	
		CHUNHARI . . .	9½	77½	
		LADDA . . .	12	89½	
		JULORE . . .	13	101½	
		GHANDANWAL . . .	13½	114½	
G. O. C. Lahore District, Meeran Meer.	Deputy Commissioner of Ferozepore, Ferozepore. Deputy Commissioner of Lahore, Lahore.	HIMATPURA . . .	7½	122½	A large village; supplies procurable; water good but limited; site for C-G. near village; country level, open and partially cultivated; road unmetalled, but good; pass Baylab at 8½ m. From Himatpura a road continues onwards to Ferozepore.
		BHUDNI-KALAN . . .	11	133½	A large village; supplies on notice; plentiful good water from wells; site for C-G. near village; country level, sandy and well cultivated in parts, road as above; pass Lahra at 5 m.
		MOGA . . .	13	146½	A village; supplies procurable; plentiful good water from wells; site for C-G. near village; country fairly level; road broad and unmetalled, heavy and stony in parts; pass Butar at 3 and Bagipara at 10 m.
		KOT-ISE-KHAN . . .	10	156½	A small town; supplies abundant; plentiful good water from wells; site for C-G. near town; country level and well cultivated; road as above; the direct road from Bhudni-Kalan to Kot-Ise-Khan passes 2½ m. E. of Moga, and is 21 m. in length.
		MAKHU . . .	14	170½	A small town; supplies on notice; plentiful good water from wells; site for C-G. near town; country and road as above; pass Amargarh at 5 and Sudhan at 12 m. Tidwadi, on Route 373, is 2½ m. W. of Makhu.
		HARIKI . . .	5½	175½	A small village on right bank of the Sutlej, a little below its confluence with the Beas; supplies on notice; plentiful good water from a well close to C-G., site for which is on the river bank; country partially cultivated; road as above, cross the Sutlej at end of stage by ferry.
		BHAGUPURA . . .	9½	184½	A small village; supplies on notice; plentiful good water from a well close to village, 60 yds N. of which is small site for C-G.; country partially cultivated; road unmetalled but good; pass Tang at 6½ and Sangra at 8½ m.
		KALA . . .	9½	194	A small village, supplies on notice; good water from a well and the canal near village, about 850 yds E. of which is small site for C-G.; country and road as above; pass Chuslawar at 2½, cross the Kasur canal (bridged) at 6, and pass Bhurehmd at 7½ m.
		KHALRA . . .	7	201	A village; supplies on notice; plentiful good water from wells in vicinity of village, near which and close to road is site for C-G.; country jungle; road as above; cross the Amritsar-Ferozepore road at 1½ and pass Narla at 4½ m.
		BARKI . . .	8½	209½	A village; supplies on notice; good but limited water (slightly brackish) from a small well near C-G., small site for which is close to village and road; country and road as above; cross the Main canal (bridged) soon after starting and pass Hudiana at 4½ m.
		MEEAN MEER . . .	9	218½	See Route 260. Country and road as above; the shortest way to camp is by cutting across the plain to E. of sta., and entering the cantonments by the R. A. Lines; the main road enters the cantonment by the Buddar Bazar.
		Total marches, 20 = 218½ m.			

Route No. 385.
FROM KARNAL TO ROHTAK.
 via PANIPAT AND GOHANA.

240

ACTIVITIES.		Names of stages and size of accompanying garrisons.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sibiul District, Umballa.	Dr. Commissioner of Karnal, Karnal.	GHARAUNDA	10½	10½	} See Route 266.
		PANIPAT	9½	20	
		ISERANA 810 x 370 yds. b.	11½	31½	
G. O. C. Meerut District, Meerut.	Dr. Commissioner of Rohtak, Rohtak.	GOHANA p.o. l.c.	25½	45	A small village; supplies procurable; plentiful good water from 2 wells near C.G., small site for which is W. of town, and close to teleff; country as above; road metalled and bridged, fit for all arms; pass Chimus at 5, Samadh at 9½ and cross the Rohtak canal at 12 m.
		JASIAH 16,600 sq. yds.	10	55	A village; supplies on notice; plentiful good water from a well, and a tank near village, E. of which is site for C.G.; country and road as above.
		ROHTAK	9	64	See Route 191.
		Total marches, 6 =			Country and road as above.
		64 m.			

Route No. 386.
FROM KARNAL TO SAHARANPUR.
 via GANGOH.

ACTIVITIES.		Names of stages and size of accompanying garrisons.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Saharanpur, Saharanpur.	JUMNA RIVER High Bank of the 25,000 sq. yds.	11	11	A falling place; supplies on notice; plentiful good water from two large and two small wells in village about 1 m. from river bank, which bounds N. edge of C.G.; animals may be watered at the river; country level, first 5 m. jungle, but partially cultivated, then open and cultivated; road metalled for first 3 m. only, then 10 ft. wide, unmetalled, but passable for all arms; cross the Western Jumna canal (for irrigation) pass Mughal Majra at 7½ m. and cross a nullah immediately afterwards, dry in cold weather, but water collects in the rains, when a large ferryboat carrying 60 to 70 men is available.
		GANGOH 240 x 240 yds. p.o. l.c.	5	16	A village; supplies procurable; good water from a well in b. compound, round which is C.G.; country fairly cultivated; road, about 24 ft. wide, unmetalled, but good as 1 ft. for all arms; cross the Jumna to Regi Ghat on starting, by ferry, about 20 boats always procurable.
		KHEERA 250 x 250 sq. yds.	10½	26½	A village; supplies procurable with difficulty; good water from 2 wells and a tank in vicinity of C.G., which is near village; country as before; road, about 25 ft. wide, unmetalled and in bad repair; pass Ambolia (p.o.) at 6½ m.
		SAHARANPUR	17½	43	See Route 125. Country well cultivated and wooded; road metalled for the last 5 m., but fit for all arms throughout; pass Jajwah at 2½ and cross the Jumna canal (bridged) at 9½ m.
		Total marches, 4 = 43 m.			

Route No. 387.
FROM KASAUJI TO DAGSHAI.

ACTIVITIES.		Names of stages and size of accompanying garrisons.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nichol District, Umballa.	Dr. Commr. of Simla, Simla.	DAGSHAI p.o. l.c.	11	11	A small settlement; supplies and water procurable; C.O. for 4 coys. on parade ground; the Kasauli east-road joins the Simla-Kalka road at 6½ m. and the Dagshai road branches off at 0 m.; there is also a short cut (9 m.) by the Lawrence Asylum, Sanawar, a bridle-path in good repair but fit only for infantry in file.
		Total marches, 1 = 11 m.			

Route No. 388.
FROM KASAUJI TO SUBATHU.

ATTACHMENTS.		Names of stages and of local accompanying garrisons.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Sibiul District, Umballa.	Dr. Commr. of Simla, Simla.	SUBATHU	17	17	See Route 172. The road is a mere bridle-path until it joins the Simla-Kalka road at 6½ m.; the Subathu road branches off at 7½ m.; there is a short cut (10 m.) Kasauli to Subathu, leaving the old road to Simla shortly after the Ghumbur is forded; a good road the whole way, but not practicable for carts or camel carriages.
		Total marches, 1 = 17 m.			

Route No. 389, FROM KHUSHAB TO, SAKESAR. via UCHALI

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Shahpur Shikhar	NARIWALA b.	11	11	A sarai supplies on notice, plentiful good water from a tank close to sarai which is fed by a small channel from the hills, site for small C-G near sarai, country flat and open; road, 54 ft wide, unmetalled, but good.
		KATHWAI b.	6	17	A sarai on the top of a range, supplies must be collected; plentiful good water from a well in sarai, where there is a small site for C-G country hilly road ascends the hill at after starting whence it is stony and difficult, but practicable for laden animals.
		UCHALI 71,440 sq yds p-o.	11	28	A small village with sarai about 1 m. S. of a large lake, supply on notice; plentiful good water from many wells near village, close to which is C-G country well cultivated, road 24 ft wide, fairly level but stony, with small ascents and descents.
		SAKESAR p-o.	8	36	A sanitarium named after the hill, supplies on notice, although there are a few natural springs, and a well the water supply, however, as there is no season of drought and water has to be brought from Uchali in other seasons water is plentiful, no cultivation on top of the hill and no place for encampment of troops, country hilly, road unmetalled and stony, ascending (gradient of hill about 1 in 10) gradually for 8 m., difficult but practicable for laden animals, there are six bungalows on summit of hill for summer residence of Europeans. The Sakesar hill is the highest in the Salt Range.
		Total marches 4 = 36 m			

Route No. 390. FROM KOHAT TO EDWARDESABAD via KURRAM

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Punjab Frontier Force, Abbottabad	By Commr of Kohat Kohat	CHICHANNA 800 x 250 yds b.	10½	10½	NOTE.—With the exception of the crossing of the Chingethra R., this route is metalled and bridged throughout. As the water supply is somewhat scanty advantage should be taken of any rain water tanks or pools on roadside for water animals; water in nullahs and streams cannot be used as it is very brookish.
		LACHI .	7	17½	A village ½ m N W of road supplies on notice; plentiful good water from a stream S of village and from a well on C-G, which is close to b.; country undulating stony, but fairly cultivated, road metalled and bridged, pass Gadda Khel at 9 m.
		DAUD SHAH BANDA 195 x 210 yds b.	14½	31½	See Route 389(b) Country and road as before, cross some low hills between 2 and 3 m., with a somewhat steep incline on both sides.
		KURRAM 760 x 180 yds.	12	43½	A small village; supplies on notice plentiful good water from a reservoir on C-G, which is E of road and opposite b., country hilly with sparse cultivation; road as before, ascend Lacha Kotai at 3 m.; at 8, 9 and 10 m there are tanks where water can generally be obtained for animals, pass Ahmadi Bada at 12 m.
		LATAMNAR . 19,490 sq yds	16	60½	A village, supplies on notice, plentiful good water from a reservoir close to C G., which is on a slope on right of road and opposite village country as in last stage, but more cultivated close to Kurram, road as before, pass Totakhi where there is a reservoir 780 yds from the road, at 9 m.
		EDWARDESABAD	19	79½	A large village; supplies scarce, good but limited water from a well ½ m from C-G, which is on left of road near an old fort, country hilly with many ravines; road as before, pass within 2 m of Bahadar Khel at 7, through a tunnel (160 yds. long) at 8 m., ½ m before entering which is a reservoir 200 yds N of road; thence the road winds through a range of low hills from which salt is quarried, pass Jala, where there is a small well of good water, at 9, and reach the Sardar pass at 13 m.
G O C Punjab Frontier Force, Abbottabad	By Commr of Kohat Kohat	Total marches, 6 = 78½ m			See Route 4 Country at first sandy, afterwards open level and well cultivated, road metalled, except for 1 m., at crossing of the Chingethra R. at 3 m where it is very sandy and difficult for wheeled transport in the hot weather this river is liable to floods, which subside after a few hours; cross the Kurram R at 17½ m
					For stage between Kohat and Kurram, no route is recommended as Lacha (10 m) where there is a well of good water

Route No. 391. FROM KOHAT TO PARACHINAR via RANGU AND THULL

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Punjab Frontier Force, Abbottabad	By Commr of Kohat Kohat	CHILBAGH 22,430 sq yds b.	11½	11½	A police b., supplies must be collected, plentiful good water from a stream close to C-G, which is on left of road, surrounding the b., country hilly and stony, but fairly cultivated, road good has once been metalled, ruling grad out 1 in 20, all bridges except the wooden ones, will bear artillery, pass Silerkot at 10 m

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	HANGU. 103,860 sq. yds. p-o. t-s. b.	18½	24½	A large village; supplies must be collected; plentiful good water from a well in the tahsil and a stream close to O-G., which is S. of road about ½ m. before reaching Hangu; country as above; road fair, and generally unmetalled but the soil being hard, it is easy for wheeled traffic; cross two unbridged streams (unfordable after heavy rain) en route; pass Ibrahimzai at about 9½ m.
		MUHAMMAD KIWAJA 880 x 270 yds.	11½	86½	A halting place; supplies must be collected; plentiful good water from wells and springs near Topi village about 1½ m. S. of road, and from a large tank (dry in dry season) opposite O-G., which is N. of road; country slightly undulating and fairly cultivated; road along a valley and very fair; pass Topi, where there is a good site for encampment, at 8½ m.
		DOABA. 300 x 250 yds.	12	48½	A fair-sized village; supplies must be collected; plentiful good water from wells and a stream near which is O-G.; country and road as above, latter heavy after rain; mulla generally dry and not difficult; pass Sirizai at 8 m.
		THULL.	12½	60½	See Route 38.
		MANDURI.	13	73½	Country hilly and stony, except last 5 m. which are fairly cultivated; road as above; cross two unbridged streams which are unfordable for some hours after heavy rain, one soon after starting and the other near fork at end of stage.
		ARAWALI 800 x 250 yds.	12½	86½	A village; supplies must be collected; good water from an irrigation channel near, or the Kurram R. ½ m. from village, N. of road and close to which is confined site for O-G.; country hilly and sparsely cultivated; road unmetalled but good and practicable for wheeled traffic.
		BALASH KHEL 800 x 260 yds.	10½	96½	A small village; supplies must be collected; good water from a channel 400 yds. from O-G., which is near road and village; country and road as above.
		SULTAN 42,200 sq. yds.	10	106½	A small village near the Kurram R.; supplies must be collected; good water from an irrigation channel of the river; O-G. close to road and village; country and road as above; pass Hassan Ali, where there is a good site for encampment, at 6½ and Sadda at 8½ m., then cross an unbridged stream, fordable except for several hours after heavy rain.
		PARACHINAR p-o. t-s.	10	116½	A small village near the Kurram R.; supplies must be collected; good water from a spring and channel near, and the river about ½ m. from village, 300 yds. E. of which, and on a plateau above the road, is O-G.; country and road as above.
		Total marches, 10 = 116½ m.			A cantonment and small civil etc.; supplies must be collected; good water from pipes laid on in the sta., anywhere near which a site for O-G. may be chosen; country as before, except towards end of stage, when it opens out; road as above; gradient easy; cross an unbridged stream at about 8 m., fordable except for a few hours after heavy rain.

Route No. 392.
"FROM KOHAT TO SHINAWARI.
old HANGU.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	OHILIBAGH	11½	11½	See Route 301.
		HANGU	18½	24½	
		DEAR	11½	36½	General Description of the road from Hangu.—Unmetalled and unbridged; average width, 8 ft. in the hills and 14 ft. in the plains; practicable for mountain guns and laden mule, but not for wheeled traffic.
		FORT LOCKHART p-o. t-s.	3½	39½	A small post holding about 100 men; supplies must be collected; good water from a small brick reservoir about 1½ m. distant; road for first 8 m. along the valley and fairly level, the remainder a steep rise with ruling gradient of 1 in 8.
		FORT CAVAGNARI (GULISTAN). p-o.	5	44½	The largest post on the Samana, elevation 6,200 ft.; supplies must be collected; good water from springs, one about 1 m. from the post, and the other 8 m. distant; at the former a covered reservoir and also an open one, but in very dry seasons the spring dries up and water has to be obtained from the other spring; the road to this latter is very steep and there is no reservoir, but always a good supply of water; ample space for O-G. all round the fort; road all on the hillside, with a ruling gradient of 1 in 8; Sarpot post is passed in the last mile.
		SHINAWARI p-o. t-s.	7	51½	A fort capable of holding about 100 men; supplies must be collected; good water from a stone reservoir about 1 m. distant; small space close to the post for O-G.; road along the hillside the whole way, and has a ruling gradient of 1 in 8.
		Total marches, 6 = 51½ m.			This post is situated at foot of hills, and held by border militia; supplies must be collected; ample water-supply from adjacent stream; but is said to be of inferior quality, as the men frequently get ill from drinking it; small site for O-G. on the level ground S. of post; road all along the hillside, ruling gradient 1 in 10.

NOTE.—There is also a road leading up direct to the crest of the Samana to the Border Militia post at Lakka, and another which runs along the Hangu-Dehar road branching off at Dehar and then leading up to the crest of the hills at Ismaili; there is a road along the crest from Lakka to Ismaili and on to Fort Lockhart which passes close to the Sargot Post; at Lakka and Ismaili, as well as at Gerna (also on the crest), there are small posts garrisoned by men of the Border Militia.

There is also a road branching off from where the Hangu-Dehar road rises to Dehar, which runs on to Gulistan; another road runs from Gulistan (Fort Cavagnari) runs down the hill and joins this latter road.

The distances along these latter routes are as follows:—

Shinawari to Hangu	10 m.
Hangu to Lakka	5 "
Lakka to Ismaili	4 "
Ismaili to Lockhart	4 "

Route No. 393. FROM KOHIMA TO GOLAGHAT.

and WOKKA

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Deputy Commissioner of Naga Hills District, Kohima	NERHAMA . b	12	12	A small village, supplies on notice, good water for a bath, from a stream near b, but it is liable to pollution from village, site for C-G for a night on cleared ground at the 12th m. there being no site at Nerhama village; country hilly, road a 6-ft. bridle path, following the contours of the hills; steepest gradient 1 in 10, pass Merama at 6 and Cheeswima at 9 m., guide should be taken, as there are several paths near Kohima
		THEMOKIDIMA . b	17½	29½	A small village, supplies procurable, good water for a bath, from a spring 200 yds. W of path before entering village, where there is a site for C-G; country hilly and jungly with scattered clearings and villages, road as in last stage; pass Chuchama at 4, Nambama at 6, Topheima at 7, and Themokidima at 13 m., there is a small suitable site for encampment in the m., good water being obtained from a spring close by
		WOKKA . p a. b	18½	48	A village, elevation 5 000 ft., supplies on notice, good water, for a bath, from a nullah 800 yds from C-G, small site for which is N of and close to police post, country and road as above; latter descends for first ½ m., gradient 1 in 10, thence fairly level for 6½ m., pass Kotsoma at 5½ m., where there is a small site for encampment, good water being obtained from a spring near b, from here a steady rise to Nongka 14½ m., thence a slight descent to Wokka.
		YEKAM . b	9	57	A small village, supplies scarce; good but very limited water from a spring, 200 yds. S. of b, cramped site for C-G at entrance to village; country and road as before, latter ascending and descending alternately, gradient 1 in 12
		SANIGAON . b	10	67	A small village, supplies procurable, good but limited water from a spring ½ m. from which, at 9 m., is small site for C-G; country and road as before, descend for the first 5 m. to the Donging R. (bridged), whence there is a steady rise to village
		BHANDARI . b	13	80	A small village, supplies on notice, good water from a stream, on banks of which is site for C-G, but as the ground is unhealthy, space might be cleared at 10 m., good water being obtainable from an adjacent nullah, country and road as before, cross the Nagti twice, en route
		GARANGAJAN . b	14	94	A village, supplies on notice; good water from a well (dry in dry season) in b compound, close to which is a nullah where animals can be watered, site for C-G (in dry season only) in fields E of road and near village, country hilly at first, thence dense jungle, road as above for first 5 m., thence a 10 ft. track through jungle and tea gardens, practicable for mountain guns, cross the Bor Jan and Nang Jan en route
		GOLAGHAT .	7	101	See Route 208 Country flat open and cultivated, road 12 ft. wide, unmetalled but bridged, and practicable for all arms in dry season.
Deputy Commissioner of Shillong, Shillong		Total marches, 8 = 101 m			

Route No. 394. FROM KOHIMA TO MANIPUR.

and KAIRONG

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam District, Shillong	Deputy Commissioner, Naga Hills, Kohima Political Agent in Manipur, Manipur	KIGWEMA . b	10	10	A village, supplies on notice, plentiful good water from a stream, jungle in be cleared for C-G; country mountainous, with thick forests, but in patches, road, 16 ft wide, unmetalled, but bridged and passable for arms, gradients not exceeding 1 in 18
		MAOTHANA . b	11	21	A Naga village and Manipuri police outpost, supplies on notice, good plentiful except in dry seasons, from a stream, C-G as in last stage, and road as above.
		MAKHAN . b	11	32	A halting place, supplies on notice, plentiful good water from a stream, site for C-G, country and road as above
		KAIRONG . p a b	16½	47½	A halting place and Manipuri police outpost; supplies on notice, plentiful good water from a stream, extensive site for C-G, country and road as before
		MAINGKHANG . b	7½	54½	A military outpost, supplies on notice; plentiful good water from a stream; jungle must be cleared for C-G; country and road as above
		KAITANAKH . b	11	65½	A halting place, supplies on notice, plentiful good water from a stream; C-G, country and road as in last stage.
		SENGMAI . b	11½	77½	A village, supplies on notice plentiful good water from a stream, extensive open site for C-G, country as above for first 8 m., thence flat and cultivated; road as before
		MANIPUR .	9½	87	See Route 140 Country flat and cultivated, road as before, but raised From Manipur bridge roads branch off to Jammu, in Burma, and Silehar
				Total marches, 8 = 87 m	

Route. No. 395. FROM KOHIMA TO MOKOKOHUNG.

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AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner, Naga Hills District, Kohima.	SIJU RIVER .	14	14	A halting place; no supplies; plentiful good water from the river, along right bank of which is limited site for C-G.; country hilly and mostly covered with tree-jungle; road, a 8-ft. unmetalled bridle-path, suitable for infantry and mountain guns; gradients in places steep; cross the Zullo R. (generally fordable) at about 10, by a strong suspension bridge; pass Sukabama at 12 m., and cross the Siju (generally fordable) at end of stage, by a strong suspension bridge.
		CHESWEJUMA b.	9½	33½	A large village, elevation 5,650 ft.; supplies must be collected; plentiful good water from springs in vicinity of b., around which, or on open space in village, is site for C-G.; country cultivated hillside until the last 8 m., which are forest and jungle; road as above; ascend for first 8 m., gradients 1 in 8 to 1 in 6 and reach the top of a ridge on which the village lies, but some 2 m. further on.
		SATAZUMI . b.	11½	85	A small village, elevation 5,840 ft.; supplies on notice; good water, for a battn., from 2 springs below b. on grassy ridges, N-E. of which is extensive site for C-G.; country covered with small jungle; road for the most part along a ridge, indifferent, narrow and liable to be broken down in heavy rains; pass Chajabama at about 5 and Yarabama at 8 m.
		ZULHANI . b.	8	43	A small village, elevation 6,050 ft.; supplies limited; good water from a spring below b., and others at some distance; as the hillsides are very steep and covered with forest, the open spaces in village must be used for C-G.; country passed through is a dense forest and precipitous hillsides; no villages anywhere near; road as before; ascend for 2 m. at an easy gradient and cross a pass (5,650 ft.), then enter a dense forest. The road from here to Sataka, although level, is very bad, narrow, and liable to be cut away by slips or torrents which are unbridged or blocked by fallen trees.
		KILLINASA . b.	8½	51½	A small village about a mile N. of, and 600 ft. below, b., elevation 6,000 ft.; supplies scanty; plentiful good water from a stream near b.; C-G. practically none and very little open space available in village; country dense forest and precipitous hillsides; road as before; in rainy season cross 4 large torrents en route which tear up and almost close the road.
		SATAKA (MOMI) b.	18½	65	One of a group of 3 small villages, generally known as Momi, elevation 5,300 ft.; supplies on notice; plentiful good water from springs near b., on grassy knolls, about 500 yds. S. of which is encamping site for 2 battns.; country for first 7 m. dense forest, then steep hillsides; road as before, but better after the forest is left; cross a large torrent, by ford, except after heavy rain, and pass Killimi (a small hamlet) en route.
		SUKOMI . b.	8½	73½	One of a group of 4 villages, generally known as Sukomi, elevation 4,300 ft.; supplies on notice; plentiful good water from springs about 200 yds. W. of b.; encamp on open spaces in and around the village Ghankias; country covered with low scrub-jungle; road as before, but better; descend by zigzag, gradient about 1 in 10, for 4½ m. to the Lanki R., ascending from there by a gradient of 1 in 8 to end of stage; the river is crossed by a temporary bridge or ford in dry season, but in the rains the bridge is swept away and the river is often unfordable for days.
		EMILOMI . b.	9	82½	A village, elevation 4,700 ft.; supplies procurable; plentiful good water from a large spring about 300 yds. S-E. of b., around which and in village are open spaces suitable for encampment; country steep hillsides, much cultivated, with patches here and there of scrub-jungle; road as before; descend after starting, by long zigzag, gradient about 1 in 10, to the Kileki R. at 4 m., then rise steeply for 3 m. to Sukomi, and from here to end of march at gradients of 1 in 10 and 1 in 16; for a mile up from the river the road is bad, passing along a hillside which is continually slipping; pass Letamni just before reaching Emilomi. The Kileki (about to be strongly bridged) is crossed exactly as shown at the Lanki in last stage.
		OHIOHEMI . b.	15½	98	A village, elevation 4,200 ft.; supplies procurable; good water, scarce in dry season, from a spring 300 yds. S-E. of b., surrounding which is small site for C-G.; country for the first 7 m. cultivated, then 2 m. of forest, afterwards cultivation again; road, as before, good for 9 m., when it crosses a hillside, which often slips; it rises gently for 7 m., until it reaches the top of the watershed between the Doiang and Dikku rivers, gradients easy.
		MOKOKCHUNG . p-o. b.	15½	118½	A large hill village with fort, elevation 4,800 ft.; supplies procurable; plentiful good water from a large spring and tank about 350 yds. S-W. of fort, on parade ground S-E. of which is space to encamp a battn.; country grass-jungle and cultivated hillsides; road as before, gradients 1 in 8 to 1 in 12; nearly level for 5 m., passing through two small Sama villages, thence ascending, it reaches the Government main road (a well kept 7-ft. bridle-path) at 5½ m. from Mokokchung; from this point the road descends easily to last mile, whence it again ascends to the fort; pass Ungma at about 12½ m.
		Total marches, 10 = 118½ m.			

Route No. 396. FROM KRISHNAGAR TO BAGULA RAILWAY STATION.

AUTHORITIES.		Name of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort Williams.	Collector of Nadia, Krishnagar.	BAGULA BY. STN. p-o.	10	10	A small village on the E. B. Ry.; supplies on notice; plentiful good water from a well and tank (both nearly dry in dry season) near the r-s., between the bazar and which, or in fields E. of the ry., are sites for C-G.; country low and subject to inundation; road, 24 ft. wide, raised, metalled and passable for all arms; cross the Sibdan Khal (bridged) at 8 and the Matabanga or Churni at Hanchhali ferry (3 boats, each carrying 20 men, and one carrying 4 loaded carts) at 7½ m. There is a good site (880 x 440 yds.) for encampment near the ferry, drinking water being obtainable from the river.
		Total marches, 1 = 10 m.			

Route No. 397.
FROM KRISHNAGAR TO BERRHAMPORE.
via DEBAGRAM.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampore.	DEBUNIA 880 x 880 yds.	0	6	A village; supplies on notice; plentiful good water from a tank 2 m. from C-G, which is W. of village; country open and cultivated, subject to floods road unmetalled, but raised, 16 ft. wide, generally bridged, and passable for all arms; ferry across Jalangi R. on starting, 3 boats, 1 carrying 35 men, the other 2 carrying 20 men each; one unbridged gulch at 4½ m., a ferry in rains of 1 boat carrying 20 men; in 6th m. a causeway, 600 ft. long, occasionally flooded, when there is a ferry of small boats.
		BAMANDANGA (i) 800 x 300 yds. (ii) 1,700 x 900 yds.	10½	16½	A village; supplies on notice; plentiful good water from a large tank near C-G. (i) which is in a mango grove between the road and the tank; there is also a C-G. (ii) in fields S. of village; country as above; road unmetalled, but raised, 80 ft. wide, bridged, passable for all arms.
		DEBAGRAM p-o.	0½	23	A large village; supplies on notice; plentiful good water from 3 large tanks near junction C-G, which is on both sides of road; country as above, road unmetalled, but raised and bridged, passable for all arms; sometimes flooded in the 4th, 5th and 6th m.
		PLASSEY	8	31	Country and road as above; at Nizpanighatta, 2½ m., there is a jheel which in the rains is crossed by a ferry. See Route 104. For other remarks, see Route 120
		BARWA	13	44	
		BERRHAMPORE	11	55	
		Total marches, 6 = 55 m.			

Route No. 398.
FROM KRISHNAGAR TO BOALIA (RAMPUR-BAULEAH).
via MEHERPUR AND JALANGI.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampore.	BANGALJHI p-o.	9½	9½	A small village near left bank of the Jalangi; supplies on notice; good from the river, close to bank of which and S. of village is extensive site for C-G, country level and cultivated, last 8 m. subject to inundation; road, 20 to ft. wide, raised, unmetalled, but partly bridged and suitable for all arms; river has encroached on the road in the last 3 m., but temporary low levee diversions keep it open except during floods.
		HIDAIPUR 340,390 sq. yds. p-o.	0½	10	A large village; supplies must be collected; plentiful good water from a tank and from a well in a mango grove, in which, on edge of the tank, is C-G; country low and well cultivated, much subject to floods; road, 30 ft. wide, unmetalled, but raised and partly bridged and suitable for all arms, except one wooden bridge in 8 m., which is unfit for artillery, though this can be avoided in the dry season by going through the fields; the road is often deeply inundated in the rains.
		MEHERPUR p-o. h.	10½	20½	A small town and civil tin. on left bank of the Bhayab; supplies on notice; good water for a tank, from wells about 100 yds. N.W. of C-G, extensive site for which is S. of village; the water in the river is not good; country level and cultivated and occasionally inundated; road as above, but suitable for all arms at all seasons; cross the Bhayab at 6½ m., by ford in dry season by ferry (1 boat carrying 26 men) in the rains.
		MADPUR	13	43½	A small village near left bank of the Bhayab; supplies on notice; water from river (bad in dry season) on bank of which is extensive site for C-G; road as above, road above flood-level and suitable for all arms, pass Garabai at 5 m.
		JALANGI 40,000 sq. yds. p-o.	14	57½	A large village; supplies on notice, good water from the Jalangi, on bank of which is C-G; country and road as above; cross the Bhayab during the first half of stage, by ford in dry season, by ferry in rains, and the Jalangi at Gopalpur at 12 m., by ferry.
		BARAMUSIA	7	64½	A village; supplies on notice; plentiful good water from a tank about 2 m. N. of C-G, extensive site for which is in fields S. of and close to village; country and road as above; nullahs fordable.
		SARDA p-o.	6	70½	A village, supplies on notice; good water from the Ganges or Padma, on left bank of which is extensive site for C-G; country and road as above; cross a khal about half-way and the Ganges at end of stage, both by ferry.
		BOALIA (RAMPUR-BAULEAH)	12	82½	See Route 120. Country and road as above, but latter metalled in municipal limits.
		Total marches, 8 = 81½ m.			

Route No. 399.
FROM KRISHNAGAR TO JESSORE.
via KRISHNAGANJ.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Nadia, Krishnagar.	BANSBARIA	7½	7½	A small village; supplies on notice; plentiful good water from a stream, on bank of which and near the ruins of Bansbaria Indigo Factory is extensive site for C-G.; country level and well cultivated, but subject to floods; road, 20 ft. wide, raised, metalled and passable for all arms, except during high floods, when the last 3 m. are sometimes inundated.
		KRISHNAGANJ 480,000 sq. yds. p-o. r-s.	7½	15	A village; supplies on notice; good water from the Churni R.; C-G. between the r-s. and the ferry ghat; country as above; road as before, but unmetalled and liable to floods in the 4th and 5th mile; nullahs bridged; cross the Churni at end of stage, by ferry, 2 boats, each carrying 20 men.
		JIBANNAGAR 160,000 sq. yds.	7	22	A large village on the Kobadak R.; supplies on notice; good water from a well 700 yds. E. of, and a tank in, village, in mango groves W. of which is C-G.; water in river good in the rains only; country as above; road raised, metalled and bridged.
		MAHESHPUR 260 x 160; ds. p-o.	8	30	A village; supplies on notice; water (good in rains) from the Kobadak R., ½ m. S. of which, in fields near cross-roads, is C-G.; country flat, open, cultivated and above flood-level; road unmetalled, but bridged and passable for all arms.
		CHAUUGACHHA 260 x 160 yds. p-o. b.	9½	50½	A large village with bazar; supplies procurable; good water from the Kobadak, 200 yds. E. of which and near b. is C-G.; country and road as above; cross the Kobadak at end of stage, by ferry, one boat carrying 25 men.
		JESSORE	14½	54	See Route 94.
		Total marches, 6 = 54 m.			Country and road as above, except that the latter is metalled for the last 4½ m.

Route No. 400.
FROM KRISHNAGAR TO NADIA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. District, Fort William.	Collector of Nadia, Krishnagar.	NADIA 1,320 x 880 yds. p-o.	8	8	A town on right bank of the Bhagmati; supplies plentiful; good water from the river, in fields on bank of which and S. of town is C-G.; country flat and well cultivated; road, about 24 ft. wide, raised, metalled and bridged, suitable for all arms; cross the Bhagmati at end of stage, by ferry, 3 boats, each carrying 20 men.
		Total marches, 1 = 8 m.			

Route No. 401.
FROM KRISHNAGAR TO SOOREE.
via KATWA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Nadia, Krishnagar.	DHUBNIA	8	8	See Route 397.
		BAMANDANGA	10½	19½	
		DEBAGRAM	6½	26	
		KATWA	10	36	See Route 129.
	Collector of Burdwan, Hooghly.	KANDARA 50,000 sq. yds. p-o.	10	46	A small village; supplies on notice; fair water from 3 tanks near C-G., latter in folds near police stn.; country flat and open; road unmetalled but bridged and fit for all arms in dry weather; the Adjal R. is crossed at 3½ m. by ferry, 2 boats carrying 80 men each available.
		LAGHATTA (SOBRASPUR) 200,000 sq. yds. b.	12½	59½	A village; supplies on notice; good water from the Kopa stream and from a well in b. compound; C-G. 800 yds. S. of village; country high-lying and uncultivated; road metalled and fit for all arms; the Kopa stream is fordable in dry weather, a ferry in rains.
		AHMADPUR 200,000 sq. yds. p-o. t-s. r-s.	9	68½	A village; supplies on notice; fair water from wells and tanks; C-G. in fields and on waste land W. of village; country and road as above.
		SOOREE	12	76½	See Route 112.
		Total marches, 8 = 76½ m.			Country and road as before.

Route No. 397.
FROM KRISHNAGAR TO BERHAMPORE.
 and DEBAGRAM

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Presidency District, Fort William	Collector of Madras, Krishnagar	DHUBENIA 880 x 880 yds	6	6	A village, supplies on notice; plentiful good water from a tank $\frac{1}{2}$ m from C-G, which is W of village, country open and cultivated, subject to floods, road unmetalled, but raised, 16 ft. wide, generally bridged, and passable for all arms, ferry across Jalangi R. on starting, 3 boats, 1 carrying 35 men, the other 2 carrying 20 men each, one unbridged nullah at $4\frac{1}{2}$ m, a ferry in rains of 1 boat carrying 20 men, in 6th m. a causeway, 600 ft long, occasionally flooded, when there is a ferry of small boats
		BAMANDANGA (i) 800 x 300 yds (ii) 1,700 x 900 yds	10 $\frac{1}{2}$	16 $\frac{1}{2}$	A village, supplies on notice, plentiful good water from a large tank near C-G (i) which is in a mango grove between the road and the tank, there is also a C-G (ii) in fields S. of village, country as above, road unmetalled, but raised, 30 ft. wide, bridged passable for all arms.
		DEBAGRAM p-o	6 $\frac{1}{2}$	23	A large village, supplies on notice, plentiful good water from 3 large tanks near spacious C-G, which is on both sides of road, country as above; road unmetalled, but raised and bridged, passable for all arms; sometimes flooded in the 4th, 6th and 8th m
		PLASSEY	8	31	Country and road as above, at Nizampahatta, $2\frac{1}{2}$ m, there is a pool which in the rains is crossed by a ferry See Route 104. For other remarks, see Route 129
		BARWA	13	44	
		BERHAMPORE	11	55	
		Total marches, 6 = 55 m.			

Route No. 398.
FROM KRISHNAGAR TO BOALIA (RAMPUR-BAULEAH).
 and MEHERPUR AND JALANGI

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Madras, Krishnagar	BANGALJHI p-o	9 $\frac{1}{2}$	9 $\frac{1}{2}$	A small village near left bank of the Jalangi, supplies on notice, good water from the river, close to bank of which and S of village, extensive site for C-G, country level and cultivated, last 5 m subject to inundation; road, 20 to 30 ft. wide, raised, unmetalled, but partly bridged and suitable for all arms; the river has encroached on the road in the last 3 m, but temporary low levee diversions keep it open except during floods.
		HIDAIPUR 340,390 sq yds p-o	9 $\frac{1}{2}$	19	A large village; supplies must be collected, plentiful good water from a tank and from a well in a mango grove, in which, on edge of the tank, is C-G; country low and well cultivated much subject to floods; road 30 ft wide, unmetalled, but raised and partly bridged and suitable for all arms, except one wooden bridge in 8 m., which is unfit for artillery, though this can be avoided in the dry season by going through the fields, the road is often deeply inundated in the rains
		MEHERPUR p-o. b.	10 $\frac{1}{2}$	29 $\frac{1}{2}$	A small town and civil station on left bank of the Bhyrab, supplies on notice, good water for a bath, from wells about 100 yds N-W. of C-G, extensive site for which is S of village; the water in the river is not good, country level and cultivated and occasionally inundated, road as above, but suitable for all arms at all seasons, across the Bhyrab at 6 $\frac{1}{2}$ m, by ford in dry season, by ferry (1 boat carrying 25 men) in the rains.
		MADPUR	13	42 $\frac{1}{2}$	A small village near left bank of the Bhyrab, supplies on notice; water from the river (bad in dry season) on bank of which is extensive site for C-G, country as above, road above flood level and suitable for all arms, pass Garabag at 5 m
		JALANGI 40,000 sq yds p-o	14	56 $\frac{1}{2}$	A large village, supplies on notice, good water from the Jalangi, on bank of which is C-G, country and road as above; across the Bhyrab during the first half of stage by ford in dry season, by ferry in rains, and the Jalangi at Gopalpur at 12 m., by ferry
		BARANUSIA	7	63 $\frac{1}{2}$	A village; supplies on notice, plentiful good water from a tank about $\frac{1}{2}$ m N. of C-G, extensive site for which is in fields S of and close to village; country and road as above, nullahs fordable.
		SARDA p-o.	6	69 $\frac{1}{2}$	A village, supplies on notice, good water from the Ganges or Pudda, on left bank of which is extensive site for C-G, country and road as above, cross a khai about half-way and the Ganges at end of stage, both by ferry.
		BOALIA (RAMPUR-BAULEAH)	19	81 $\frac{1}{2}$	See Route 107 Country and road as above, but latter metalled in municipal limits
		Total marches, 8 = 81 $\frac{1}{2}$ m			
	Collector of Murshidabad, Berhampore				

FROM KRISHNAGAR TO JESSORE.

via KRISHNAGANJ.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Presidency District, Fort William.	Collector of Jessore, Jessore.	Collector of Nadia, Krishnagar.	BANSBARIA	7½	7½	A small village; supplies on notice; plentiful good water from a stream, on bank of which and near the ruins of Bansbaria Indigo Factory is extensive site for C-G.; country level and well cultivated, but subject to floods; road, 20 ft. wide, raised, metalled and passable for all arms, except during high floods, when the last 3 m. are sometimes inundated.
			KRISHNAGANJ 480,000 sq. yds. p-o. r-a.	7½	15	A village; supplies on notice; good water from the Churni R.; C-G. between the r-a. and the ferry ghat; country as above; road as before, but unmetalled and liable to floods in the 4th and 5th mile; nullahs bridged; cross the Churni at end of stage, by ferry, 3 boats, each carrying 20 men.
			JIBANNAGAR 160,000 sq. yds.	7	22	A large village on the Kobadak R.; supplies on notice; good water from a well 700 yds. E. of, and a tank in, village, in mango groves W. of which is C-G.; water in river good in the rains only; country as above; road raised, metalled and bridged.
			MAHESHPUR 250 x 160 yds. p-o.	8	30	A village; supplies on notice; water (good in rains) from the Kobadak R., ½ m. S. of which, in fields near cross-roads, is C-G.; country flat, open, cultivated and above flood-level; road unmetalled, but bridged and passable for all arms.
			CHAUGACHHA 250 x 160 yds. p-o. b.	9½	39½	A large village with bazar; supplies procurable; good water from the Kobadak, 200 yds. E. of which and near b. is C-G.; country and road as above; cross the Kobadak at end of stage, by ferry, one boat carrying 25 men.
			JESSORE	14½	54	See Route 98.
			Total marches, 6 = 54 m.			Country and road as above, except that the latter is metalled for the last 4½ m.

Route No. 400.

FROM KRISHNAGAR TO NADIA.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Navy District, Fort William.	Collector of Nadia, Krishnagar.	NADIA 1,320 × 550 yds. p-o.	8	8	A town on right bank of the Bhagirati; supplies plentiful; good water from the river; in fields on bank of which and S. of town is C-G.; country flat and well cultivated; road, about 24 ft. wide, raised, metalled and bridged, suitable for all arms; cross the Bhagirati at end of stage, by ferry, 3 boats, each carrying 20 men.
		Total marches, 1 = 8 m.			

Route No. 401.

FROM KRISHNAGAR TO SOOREE.

via KATWA.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Presidency District, Fort William.	Collector of Nadia, Krishnagar.	DHUBNIA	6	6	See Route 397.	
		BAMANDANGA	10½	16½		
		DEBAGRAM	6½	23		
		KATWA	10	33	See Route 120. Country cultivated; road indifferent; cross the Bhagirati R. by ferry at end of stage.	
	Collector of Bardhaman, Bardhaman.	KANDARA 50,000 sq. yds. p-o.	10	43	A small village; supplies on notice; fair water from 3 tanks near C-G.; latter in fields near police stn.; country flat and open; road unmetalled but bridged and fit for all arms in dry weather; the Adjai R. is crossed at 3½ m. by ferry, 2 boats carrying 30 men each available.	
		LAGHATTA (SOBRAJPUK) 200,000 sq. yds. b.	13½	60½	A village; supplies on notice; good water from the Kopa stream and from a well in b. compound; C-G. 800 yds. S. of village; country high-lying and uncultivated; road metalled and fit for all arms; the Kopa stream is fordable in dry weather, a ferry in rains.	
		ATMADEPUR 200,000 sq. yds. p-o. t-a. r-o.	9	61½	A village; supplies on notice; fair water from wells and tanks; C-G. in fields and on waste land W. of village; country and road as above.	
		SOOREE	12	76½	See Route 112. Country and road as before.	
		Total marches, 8 = 76½ m.				

Route No. 402.
FROM LAKHIMPUR TO BANRAIOH.
via KATARI GHAT

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil.		Miles.	Total	
G O O Oudh District, Lucknow	Dy Commr of Kheri, Lakhimpur.	NAHOLA	10½	10½	A village on the border of the Sitapur and Kheri Districts supplies procurable good but limited water from a well N of C G, small site for which is N of and close to village, country flat and well cultivated, road neither metalled nor bridged and impracticable for wheeled traffic during the rains, cross the Gogra (bed sandy) at end of stage by ford in dry season, by ferry in rains
	Dy Commr of Sitapur, Sitapur	MUGHALPUR 35,090 sq yds	7	17½	A small village, supplies procurable, good water for a bath, from 3 wells in vicinity of C-G, which is close to village, country as above, road, a cart track crossed by numerous water-courses which render it impracticable for wheeled traffic during the rains
		CHANDI 9,680 sq yds	4	21½	A small village, supplies scarce very limited water from a little stream, and from a well N of C G, site for which is S of road, country low and liable to submergence during the rains, road as above.
		TANOUR 51,860 sq yds	6½	28½	A large village, supplies procurable with difficulty, indifferent limited water from 2 wells in vicinity of C G, which is N of road; country open and fairly cultivated but subject to inundation during the rains, road 60 ft. wide, unmetalled and unbridged; cross the old bed of the Chanka on starting and the Gogra at end of stage by ford in dry season, by ferry (a 'dag out') in rains
	Deputy Commissioner of Bahraich, Bahraich	KATARI GHAT 110,130 sq yds	10	38½	A halting place near left bank of the Gogra, supplies procurable good water from the river, on bank of which and W of road is C-G; country cultivated and wooded road unmetalled and unbridged, subject to flood near the Gogra and very difficult for wheeled traffic in rains, pass Brittanpau at 2 m., and cross the Gogra at end of stage at Nallapur (p-o) below its junction with the Dahawar, by ferry, 12 large boats
		GURWA 61,030 sq yds.	11	49½	A village supplies procurable, plentiful good water from 5 wells on, and a lake near C G which is W of road, country and road as above, pass Dhanawan at 2½ and cross the Sarju Nadi (temporarily bridged) at 8 m
		BAHRAIOH	11	60½	See Route 268 Country as above; road as in last stage except the last 2 m., which are raised and bridged.
		Total marches, 7 = 60½ m			

Route No. 403.
FROM LALITPUR TO GOONA.
via CHANDERI AND SHAHDAURA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G O C. Bundelkhand District, Agra.	Dy Commr of Lalitpur, Lalitpur	SARWARO	12	12	Country open and cultivated at first, afterwards jungly, road a rough unmetalled track but passable for carts. See Route 352.
	Resident at Gwal or, Gwalior	CHANDERI	9	21	
		THOBAN	12	33	
		AMROD	10	43	
		PACHHAR	10	53	
		SHAHDAURA	10	63	
		PINIGHATI	7	70	
		GOONA	13	83	For other remarks, see Route 10.
		Total marches, 8 = 83 m			

Route No. 403(a).
FROM LALITPUR TO GOONA
via ESAGARH AND NYASARAI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G O C Bundelkhand District, Agra.	Dy Commr of Lalitpur, Lalitpur	SARWARO	12	12	See Route 352 For other remarks, see Route 403.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Resident at Gwalior, Gwalior.	CHANDERI . . .	9	21	See Route 352.
		MAHOLI . . .	12	33	A small village; supplies scarce; fair water from the Gornpachar, on left bank of which, and about a mile from village, is small site for C-G.; country hilly and jungly; road a rough track, practicable for carts, except in rains; cross the Gornpachar towards end of stage, fordable, except after heavy rain.
		ESAGARH . . . 160,000 sq. yds. p-o.	12	45	A town with a strong fort; supplies procurable; abundant good water from wells and tanks near town, close to which and to road is C-G.; country as above, but partially cultivated; road roughly metalled in places, but impassable for carts in rains.
		NYASARAI . . . 80,000 sq. yds.	18	63	A small village; supplies scarce; good water, for a bath, from wells on C-G., which is near village and road; country and road as above; nullahs fordable except after heavy rain.
		BHADURA . . .	12½	75½	Country and road as above; reach the Bombay road at Bhadsura. See Route 19.
		GOONA . . .	12	87½	
		Total marches, 7 = 87½ m.			

Route No. 404.
FROM LALITPUR TO SIPRI.
via CHANDERI, ESAGARH, AND RANAUD.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Lalitpur, Lalitpur. Resident at Gwalior, Gwalior.	SARWARO . . .	12	12	For other remarks see Route 403. See Route 352.
		CHANDERI . . .	9	21	
		MAHOLI . . .	12	33	
		ESAGARH . . .	12	45	See Route 403 (a).
		RANAUD . . . p-o.	16½	61½	
		RAJGHAT . . .	11	72½	A town on a branch of the Sind R.; supplies procurable; fuel and fodder plentiful; fairly good water from the river, near bank of which is site for large C-G.; country undulating and cultivated in places; road a rough cart-track.
		SASAI . . .	11	83½	A village on left bank of the Sind R.; supplies procurable; fuel and fodder plentiful; good water from the river, near bank of which is site for large C-G.; country and road as above; cross the Sind at end of stage, fordable, except after heavy rain.
		SIPRI . . .	8	91½	A village near bank of the Kharai R.; supplies on notice; fuel and fodder plentiful, water from wells and the river, near bank of which is site for large C-G.; country level and cultivated; road as above; reach the Bombay-Agra road at Sasai.
		Total marches, 8 = 91½ m.			See Route 19.

Route No. 405.
FROM LALITPUR TO SIRONJ.
via BAHADARPUR.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Lalitpur, Lalitpur. Dy. Commr. of Saugor, Saugor.	JAKHLAUN . . . 160 x 100 yds. p-o. r-o.	13	13	A moderate-sized village; supplies on notice; good water from 2 wells in village, between the road and which is site for C-G.; country level and for the most part cultivated; road unmetalled, but raised, bridged, and in good order.
		MANICHOKI . . .	9½	22½	A small village near the Narmada R.; supplies scarce; good water from wells in village, near which is extensive site for C-G.; country, undulating jungle; road a rough country track.
		KANJLA . . .	9½	32	A moderate-sized village; supplies scarce; good water from wells in village, close to road and which is extensive site for C-G.; country hilly and jungle; road as above; cross the Narmada R. soon after starting, fordable, except after heavy rain.

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Aggra.	Political Agent in Bhopal, Sehore.	BARHADPUR	16½	48½	A small village; supplies very scarce; drinkable water from a nullah and one well in village near which is extensive site for C.G. country cultivated in places, remainder jungle road as above, crosses the Betwa (fordable, except in rains) at 2½ and passes Mangarhi r.s. at 6 m.
		DEKNAKHERA	24	69½	A moderate sized village, supplies scarce, plentiful good water from wells in, and (for animals) from a nullah near village, close to which is extensive site for C.G., country and road as above.
		SIRONJ p.o. b.	10½	78½	A town, supplies plentiful, abundant good water from several wells on C.G., extensive site for which is 8 of town and close to b, country and road as above, but latter much better.
		Total marches, G = 78½ m			

Route No. 405(a).
FROM LALITPUR TO SIRONJ.
and PIPRAI AND MUGHAL-SARAI

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Aggra.	Political Agent in Lalitpur, Lalgpur.	SARWARO	12	12	NOTE.—In several places this road is impassable for carts. See Route 352 For other remarks see Route 403
		FRANFURA	6	18	
	Resident at Gwalior, Gwalior.	SARAI 160,000 sq yds	24	32	A moderate sized village, supplies scarce, fuel and fodder procurable, plentiful good water from wells on C.G., small site for which is near road and village; country hilly and partially cultivated, road a mere track, practicable for carts except in rains, cross the Betwa R. soon after starting, by ford in dry season, by ferry in rains.
		PIPRAI 120,000 sq yds p.o. r.s.	10	42	A small village, supplies on notice; fuel and fodder plentiful, good water from wells and the Betwa Nadi, on banks of which and near village is C.G., country level and chiefly cultivated, road as above, but stony in places, crosses the Betwa at end of stage.
		ATRAIKHERA 67,600 sq yds	11	53	A large village; supplies, fuel and fodder procurable, plentiful good water from 2 wells near C.G., which is close to village and r.s., passes Atehalgarh at 2 m.
		MUGHAL-SARAI	16½	69½	A small village, supplies on notice, fodder and fuel scarce, good water from 2 wells ½ m from C.G., which is near road and ½ m from village, country and road as above.
		SIRONJ	13½	82	A moderate-sized village, supplies on notice, plentiful good water from several wells and a tank, between the village and which is extensive site for C.G., country chiefly jungle road fair, ascending gradually soon after starting, the last 5 m are rough and stony.
		Total marches, 7 = 82 m			See Route 405 Country at first open, afterwards covered with jungle, road, a rough track, in places very bad almost impassable for laden carts at any time of the year, crosses a fairly steep hill about half way.

Route No. 406
FROM LANDOUR TO CHAKRATA.
and LAKHWAR

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut.	Superintendent of Dobha-Dum, Dobha Dum.	LAKHWAR b.	17½	17½	A village, supplies scarce, plentiful good water from a stream about 200 yds. W of b, near which is small site for C.G., country mountainous, road, a good bridged bullock-path, 10 ft wide, gradients 1 in 8 to 1 in 10; crosses the Kumbhi Nadi at 8½ and the Jumna at about 14 m, then ascends about 2,600 ft to Lakhtar.
		NAGTHAT b.	6	23½	A halting place, supplies must be collected, plentiful good water from a small stream about ½ m S.E. of b, near which is small site for C.G.; country and Nagthath.
		POKHRI	9	32½	A halting place, supplies must be collected, plentiful good water from a stream ½ m N of, and a small spring 200 yds E. of C.G., site for which is on a large open tract of land, country and road as above, latter fairly level, passes Channam (b) at about 6 m.
		CHAKRATA 220 x 110 yds p.o. t-s b	7	39½	A cantonment, supplies plentiful, abundant good water from springs; C.G. on jungle ground, country and road as before, latter ascending and descending alternately.
		Total marches, 4 = 39½ m			

FROM LANDOUR TO DAGSHAI.

old DEHRA-DUN AND RAMPUR-MANDI.

ADMINISTRATIVE.		Name of stages and site of existing roads.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Representative of Dehra-Dun, Dehra-Dun.	RAMPUR	8	8	See Route 40(a).
		DEHRA-DUN	6	14	
		JHAJRA 1400 ft. ag. yds.	8 1/2	22 1/2	
		SARUSPOTI 1750 ft. ag. yds. p. h.	7 1/2	30	A small village; supplies must be procured from Dehra-Dun; good water from a well in, and the Tams near village, W. of and close to which is site for C-G; country undulating, with cultivation near road, grass and tree-jungle beyond; road metalled for first 4 m. only, but suitable for all arms; cross the Bindal river after starting, and the Tams at 6 m., both strongly bridged, also cross 2 hill torrents, dry, except in rains.
		RAMPUR-MANDI h.	10	40	A fair-sized village; supplies procurable; good water from well in, and a small canal from the Aun Nali near village, W. of which is site for C-G; country as above; road, 20 ft. wide, unmetalled, but very fair and bridged, except at several hill torrents which are occasionally impassable for a few hours during E. winds.
		NAMA 2700 ft. ag. yds. l.	9	49	A small village on right bank of the Jumna R.; supplies on native; good water from the river, near which is site for large C-G; country and road as above; cross the Jumna at end of stage, 18 ferry (1 boat carrying 20 men); the bed of the river here is 600 yds. wide, with a channel of 100 yds. in dry season and is usually fordable by elephants; at Bhakani, a short distance higher up, there is a better ford. If necessary, a ford might be made at Rajhat Mandi, on left bank of the river and 2 m. from Rampur-Mandi.
		KOLAR 2000 ft. ag. yds.	4	53	A small village; supplies on native; plentiful good water from a stream close to village, N. of and close to which is site for C-G; country well wooded; road as above; cross the Ruma stream (fordable except after heavy rain) en route.
		NAHAN 2700 x 2000 ft. p. h.	9	62	A large town, the capital of Shimur state; supplies abundant; plentiful good water from a canal tank 1 m. from, and (for animals) from a large pond (1000 ft. x 100 ft.) in the town, in a grove of palm trees, E. of tank; crosses 12 yds. of as above, gradient 1 in 10; cross the Marhadia by a stone-gateway very near.
		FORITI 2700 ft. ag. yds. l.	6	68	A small village, some 10 m. S. of Nahan; supplies on native; good water from a small stream, S. of village, E. of which is site for C-G, on bank of the Ruma; road as above; country mountainous and covered with thick forest; road, 10 ft. wide, unmetalled, rolling gradient 1 in 10, possible for heavy guns; certain artillery; cross the Tahan Nali (bridge) at about 2 m.
		SURAN 3000 ft. ag. yds. l.	4	72	A large village; plenty of good water from a well N. of, and (for animals) from a pond S. of village, near which is site for C-G; country well wooded.
G. O. C. Solah Pore, Fudalla.	Representative of Solah, Solah.	NAINA 2700 ft. ag. yds. l.	4	76	A small village, some 10 m. S. of Suran; supplies on native; abundant good water from a small stream, S. of village, E. of which is site for C-G, on bank of the Ruma; road as above; country mountainous and covered with thick forest; road, 10 ft. wide, unmetalled, rolling gradient 1 in 10, possible for heavy guns; certain artillery; cross the Tahan Nali (bridge) at about 2 m.
		DAGSHAI	4	80	A small village, some 10 m. S. of Naina; supplies on native; abundant good water from a small stream, S. of village, E. of which is site for C-G, on bank of the Ruma; road as above; country mountainous and covered with thick forest; road, 10 ft. wide, unmetalled, rolling gradient 1 in 10, possible for heavy guns; certain artillery; cross the Tahan Nali (bridge) at about 2 m.

Total = 120 m.

Route No. 408.

FROM LANDOUR TO GAUMUKHI. (The source of the Ganges.)

ADMINISTRATIVE.		Name of stages and site of existing roads.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Representative of Meerut, Meerut.	PAIDI 11200 ft. ag. yds.	4	4	A village on water from a stream, only C-G, site for which is near village; road as above; a road from 8 to 10 ft. wide for first 2 m., afterwards the track only parallel by road.
		PALA	10	14	
		BALUR	9	23	A large place of water from a stream, near which is a small site for C-G, country as above; road as in latter part of last stage; the path used by the main river in this reach the Nagbira range is crossed; no bridges; the stream is fordable all the way.
		THAN	10	33	A large place of water from a stream, near which is a small site for C-G, on left of the Aun Nali; road as above; latter part of last stage; the path used by the main river in this reach the Nagbira range is crossed.
					A large place of water from a stream, near which is a small site for C-G; country as above; road as above; first mile road, then 2 m. descent, afterwards fairly level; cross two unbridged streams en route.

AUTHORITY.		Names of stages and size of ascending grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Meerut District, Meerut	Commissioner of Kumaon Division, Naini Tal	DUNDA 400 x 200 yds.	9	47	A halting place on bank of the Ganges, good water from the river near which is site for C-G, country as above, good mule path about 12 ft wide, fairly level, cross two streams <i>en route</i> , both bridged, hill ponies are brought in here for sale in winter from Bhok.
		BARAGHAT 800 x 100 yds	9	56	A halting place near the Ganges, good water from the river, C-G of the temple of Bishnu Nath country as above, road as in last stage but first mile rather rough, a swing bridge crosses the Ganges here on the path leading to Kedemoth
		MAVARI 800 x 180 yds	9	65	A halting place plentiful good water from a stream near C-G, site for which is on cultivated ground country and road as above, but latter fairly level, cross three streams <i>en route</i> by wooden bridges.
		BATWARI 10,000 sq yds	9	74	A halting place near the Ganges, good water from the river, site for C-G on cultivated land, country and road as above except last mile of latter which is a rough ascent cross two streams <i>en route</i> by wooden bridges
		TIARA	9	83	A halting place, good water from streams, site for C-G on uncultivated land, country as above, path stony, first 2 m steep ascent, then slight descent.
		DANGALI	11	94	A halting place near the Ganges, good water from the river close to which is site for C-G, country and road as above
		JHALA 100 x 100 yds	10	104	A halting place, plentiful good water from a stream, site for C-G on cultivated land, country and road as above, first 2 m ascent and last 2 descent, cross the Ganges twice by bridges.
		DARALI 130 x 75 yds	6	110	A halting place on left bank of the Ganga; good water from the river site for C-G on cultivated land country and road as above second and descend for first 2 m, remainder fairly level, cross the Ganges (bridged) about half-way
		BHAIRANGATI BRIDGE 165 x 90 yds	6	116	A halting place near the junction of the Ganges with the Jodi Ganga or Nihang R, good water from the river, site for C-G in the forest, country and road as above latter level for first 4 m thence a rough stony ascent
		GANGOTRI 156 x 90 yds	6	122	A halting place near the junction of the Ganges with the Kedari Ganga R, good water from the river, site for C-G near the bridge over the Ganges which is crossed at end of stage, country as above, road, 8 ft wide, stony and ascending slightly
		GAUMUKHI (GANGOTRI GLACIER) 260 x 130 yds	18	140	The Ganges (or Bhagirathi) rises in this glacier, good water from the river, near which is site for C-G country as above, the path follows the stream crossing and recrossing it by snow bridges, after the first 10 m. there is no made path to the foot of the glacier
		Total marches, 15 = 140 m			

Route No. 409
FROM LANDOUR TO JUMNOTRI *(The source of the Jumna)*

AUTHORITY.		Names of stages and size of ascending grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut	Commissioner of Kumaon Division, Naini Tal	PAIDI	9	9	Lorn - Supplies must be taken from Landour, good water procurable, path difficult in places
		BALA	10	19	
		LALURI	9	28	
		THAN	10	38	
		DUNDA	9	47	
		BARAGHAT	9	56	
		MANARI	9	65	
		BATWARI	9	74	
		TIARA	9	83	So Route 408.
		DANGALI	11	94	
		JHALA	10	104	
		MANDRALA 200 x 70 yds	7	111	
		CHINPOL 100 x 40 yds.	5	116	
		BIYAT 200 x 100 yds.	12	128	
		GURMA 300 x 200 yds	7	135	

A halting place, elevation 9,000 ft., good water from the Sara and Ronda streams, near junction of which is site for C-G; country mountainous road, a mere track leading for first 5 m to the top of Kundan hill, 12,000 ft high, thence descending

Site for C-G in the snow at foot of the Chhya pass, elevation 10,000 ft; good water from a small stream, road, a mere path for laden sheep and goats, 8 m up the road and 2 m up the hillside

A fatiguing march over the Chhya pass, 15,000 ft. high and the Banavur pass 15,000 ft. high, first 4 m steep ascent to the summit of the Chhya pass, then 4 m very gradual ascent to summit of the Banavur pass thence 4 m descent over pine and snow to the C-G which is in the forest elevation 9,500 ft; good, brumiated water from a stream

The path first follows a stream down the hill, then turns up a hill for 1 m. and along a easy ridge to the C-G; elevation 9,000 ft; plentiful good water from a stream close by

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Commissioner of Kumaon Division, Naini Tal.	KHARSALI	5	140	A village, elevation 8,000 ft.; good water from a stream; the path first ascends, then runs along a level ridge, then down to the village through forest to the C-G., which is near village. Here there are hot springs and the source of the Jumna, elevation 9,900 ft.; the road which runs up the valley of the Jumna, is bad in summer, but easy in the early spring, as the valley is blocked up with the debris of avalanches, and thus a continuous snow bridge is formed right up to the hot springs.
		JUMNOTRI	5	145	
		Total marches, 17 = 145 m.			

Route No. 410.
FROM LANDOUR TO SIMLA.

via DEHRA-DUN, RAMPUR-MANDI, BILASPUR, KALKA, AND THE NEW ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District.	Supt. of Dehra-Dun, Dehra-Dun.	RAJPUR	8	8	} See Route 40(a).
		DEHRA-DUN	6	14	
		JHAJRA	8½	22½	} See Route 407.
		SAHUSPUR	7½	30	
		RAMPUR-MANDI	10	40	
G. O. C. Simla District, Umballa.	Deputy Commissioner of Umballa, Umballa.	KALISAR	13½	53½	A small village on right bank of the Jumna; supplies must be collected; good water from the river; site for C-G. ½ m. W. of village; country hilly, covered with jungle; road, 20 to 25 ft. wide, not metalled or bridged, passable for all arms, hilly and very heavy in places. There is a p.o. and t.s. at Tajwala, 4 m. S. of Kalisar.
		KHIZARABAD	8½	62½	A large village; supplies must be collected; good water, for a betn., from a well in, and (for animals) from the W. Jumna canal 1½ m. S-E. of village; an open space available for C-G. N. of road, and ½ m. N-E. of village; country as above; road (an inferior one) passes through the Kalisar forest, the latter half traversing flat sub-montane country; it is neither metalled nor bridged, very narrow and rocky in parts, and for a long distance, is merely the bed of an old torrent.
		BILASPUR	12½	74½	A very large village on the left bank of the Sarsai; supplies on notice; good water from a well (with 8 ft. of water) near police sta., and 100 yds. from C-G., level site for which is close to village and Jagudri road; country undulating and cultivated; road, passable for all arms, unmetalled, 35 ft. wide, sandy in parts, crosses the Patrouli stream, always fordable, at 4½, passes Tachalpur at 5½, Ledi at 6½, and Mulikpur at 9½ m.
		SADILAURA	8	82½	A town of 10,000 inhabitants on the left bank of the Khandra; supplies procurable; good water from 2 wells (with 26 ft. and 17 ft. of water, respectively) close to C-G., good level site for latter being available near road and town; country and road as above, but latter heavy after rain; the Sarsai is crossed on starting and the Kharaki at 6 m., also several nullahs; rivers and nullahs are fordable except after heavy rain; pass Milehappur at 1½, Mirwa at 3, and Batgarh at 4½ m.
		NARAINGARH	9	91½	A small town; supplies on notice; good but limited water from a well near, and a tank 150 yds. from, C-G., site for which is 350 yds. N. of village; country as before; road not raised, metalled or bridged, but passable for all arms; the Khandra stream is crossed on starting and the Markanda at 3½ m., both fordable, except after heavy rain; road very heavy in the beds of rivers.
		RAIPUR	10½	101½	A large village; supplies on notice; good water from a well (3 ft. of water) 70 yds. from, and from a well (11 ft. of water) on C-G., good level site for which is 120 yds. N. of town and E. of road; country level, but little cultivated; road as above; crosses the Degna at 4½ and the Tangri at 7m.
		HANGARH	11	112½	A village; supplies on notice; good, but somewhat brackish, water from a well (with 5 ft. of water) on the ground; water can also be obtained from the Ghaggar R. near which and W. of village, is C-G.; country and road as before; several nullahs are crossed, all fordable except after heavy rain; pass Maskutpura at 2, Samulo at 4, and Bils at 7½ m.
		CHANDIGARH	8½	121½	Country liable to inundation during rains; road as before, till it joins the Umballa road, when it becomes metalled and bridged; the Ghaggar (fordable except after heavy rain) is crossed about a mile before reaching the road from Umballa.
		KALKA	7½	129½	} See Route 331.
		DILARAMPUR	15½	144½	
		SOLAN	12½	156½	
		KHAIBI GHAT	13½	170½	
		SIMLA	18½	188½	
		Total marches, 18 = 188½ m.			

Route No. 411. FROM LUCKNOW TO BAHRAICH. via NAWABGANJ AND BAHRAIGHAT

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C. Outh District Lucknow	Dy. Commr of Lucknow Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich	From the Cantonment Church to— CHINHAT 140,800 sq yds p-o.	0½	0½	A large village, supplies procurable, good water, for a battn, from a well on, and a jheel close to C G, which is S of road and near village, country level, open and well cultivated, road raised, metalled and strongly bridged, except at the Gumbi, where a bridge-of-boats is maintained, pass through the bhikandza Bagh at 3 and cross the Gumbi at 3½ m. For heavy wheeled traffic a dera on must be made and the river crossed by a masonry bridge, making the march 2 m longer
		NAWABGANJ (BARA BANKI) 114,800 sq yds p-o t-a r-s	10	10½	A small civil sta., supplies procurable, good water, for a battn, from a well on C G, which is S of road, country and road as above; cross the Bath Nadi at 8½ m. The towns of Nawabganj and Bara-Banki are about a mile apart, and separated by the ry
		KINHAULI 440 x 420 yds	11½	21½	A village, supplies procurable; good water, for a battn, from 2 wells on C-G, which is N W of road and about ½ m. E. of Bhadara r-s., country and road as above, cross the Kalam Nadi at 9½ m
		BAHRAIGHAT 410 x 280 yds. p-o. r-s	0½	22	A village near right bank of the Gogra, supplies procurable, good water for a battn, from a well on C G, which is S of road, country and road as above; pass Ramnagar at 6½ m
		ATITSA 58,280 sq yds	5½	27½	A halting place supplies procurable good water from 6 wells on C G, which is S of road, country low and liable to floods, road raised, bridged, but unmetalled, sandy near the river and difficult for wheeled traffic in wet weather, cross the Gogra soon after starting, by bridge-of-boats, ferry-boat, by steam ferry in the rains
		DFWA 55,300 sq yds p-o	7½	35½	A village, supplies procurable, good water, for a battn, from 2 wells on C-G, which is S of road; country cultivated, road unmetalled, but raised, bridged, and practicable for all arms
		FAKHRAPUR 160,000 sq yds p o b	11	46½	A large village, supplies procurable; good water, for a battn., from 2 wells on, and (for animals) from jheels ½ m from C-G, which is N of road, and near village; country and road as above
		BAHRAICH	11	57½	See Route 200
		Total marches, 8 =			Country and road as above, cross the Chota Sarja at end of stage, by pontoon bridge in dry season by ferry (6 boats, each carrying 60 men, on 2 months' notice) in the rains. A permanent pontoon bridge is being raised
		75½ m			

Route No. 412. FROM LUCKNOW TO FATEHGARH. via MALIHABAD, SANDILA, AND SANDI

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C. Outh District, Lucknow	Deputy Commr of Lucknow Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich Deputy Commissioner of Bahraich	From the Cantonment Church to— ANDHA KI-CHOKI 160 x 160 yds.	0	0	A village; supplies procurable, good water, for a battn, from a well on C-G, which is N of road and near village, country level, open and well cultivated; road raised, metalled and bridged, suitable for all arms
		MALIHABAD 900 x 70 yds p-o. r-s	0	18	A small town, supplies procurable, good water from a well on C-G, which is near town country as above, road unmetalled, but raised, bridged, and practicable for all arms, pass Kakori r-s at 2 m
		BAHIMABAD 200 x 280 yds p o r-s	8	26	A large village, supplies procurable, plentiful good water C-G, E of road, level and high lying; country wooded and fairly cultivated, road, as above, runs parallel to the ry
		SANDILA	0	26	See Route 154.
		GHAUSGANJ 230 x 180 yds	16	42	Country level, open and well cultivated, road as above; pass Begunaganj at 7 m
		MADHOGANJ 280 x 240 yds	0	58	A large village, supplies procurable, good water, for a battn from a well on C G, which is near road and about ½ m. E. of the Sai R., where animals may be watered, country as above, road unfit for artillery and flooded during the rains, pass Jaria at 8½ and Kahl at 2½ m.
		BILGRAM	8	66	A village, supplies procurable, good water for a battn., C-G E of road country and road as above, latter flooded during the rains, cross the Sai (fordable in dry season) soon after starting, bridge low and dangerous in the rains
		SANDI	10	76	See Route 145
		DHAMFUR	14	90	Country and road as before.
		FATEHGARH	11	101	Country and road as above.
Collector of Furrughabad, Fatahgarh		Total marches, 10 =			See Route 248.
		103 m			For other remarks see Route 16

FROM LUCKNOW TO FATEHPUR.
via BITHURA GHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Lucknow.	From the Cantonment Church to—			
	Dy. Commr. of Unao, Unao.	BANTHERA . . .	12½	12½	See Route 151.
	Dy. Commr. of Unao, Unao.	MIRHI . . . 180 x 180 yds.	12½	24½	A large village; supplies on notice; good water, for a latrine, from 2 wells near C-G., site for which is W. of road and N. of village; country level, open and well cultivated; road metalled and bridged as far as the Sai, thence unmetalled, but raised, bridged and good; cross the Sai at Bani at 4½ m., and then leave the Cawnpore road.
	Dy. Commr. of Unao, Unao.	BIHAR . . .	18	42½	See Route 39. Country level and cultivated, thickly studded with trees during first 5 m., afterwards open; road as above, except the first few miles which are metalled; pass Purwa [see Route 153(a)] at 5 m., where a halt might be made.
	Dy. Commr. of Unao, Unao.	LALGANJ . . .	15	57½	For other remarks see Route 39.
	Dy. Commr. of Unao, Unao.	FATEHPUR . . .	11	68½	See Route 251.
		FATEHPUR . . .	0	77½	For other remarks see Route 251.
		Total marches, 6 =		77½ m.	

Route No. 414.
FROM LUCKNOW TO FYZABAD.
via NAWABGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Lucknow.	CHINHAT . . .	9½	9½	See Route 411.
	Dy. Commr. of Lucknow.	NAWABGANJ (BARA-BANKI) BAGHAURA . . . 400 x 400 yds.	19½	38	
	Dy. Commr. of Lucknow.	RANSANBRIGHAT . . .	12	45	A village; supplies procurable; good water, for a latrine, from a well on C-G., which is S. of road and near village; country level, open and generally well cultivated; road raised, metalled and bridged; join the road from Gondah at 1½, pass Rasauli (r.s. distant about ¼ m.) at 4½, and Partabganj at 5½ m.
	Dy. Commr. of Lucknow.	BHILSAR . . .	12½	57½	
	Dy. Commr. of Lucknow.	RONAHI . . .	13½	71	See Route 251.
	Dy. Commr. of Lucknow.	FYZABAD . . .	10½	81½	For other remarks see Route 31.
		Total marches, 7 =		81½ m.	

Route No. 415.
FROM LUCKNOW TO GONDAL.
via NAWABGANJ, BAHRAMGHAT, AND COLONELGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Lucknow.	CHINHAT . . .	9½	9½	See Route 411.

ACTIVITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Outh District Lucknow	Dy Commr of Bareilly, Bareilly-Bank	NAWABGANJ (NARA BANKI)	10	19½	See Route 411
		KINHAULI	11½	31	
		BAHANGHAT	8½	40.	
		CHITTAUNI	8½	49	
	Dy Commr of Gonda, Gonda	COLONELGANJ	7	56	A small village, supplies procurable, plentiful good water from a well on C-G, limited site for which is near village, country wooded and cultivated, road raised and bridged, but difficult for wheeled traffic in the rains; cross the Gogra soon after starting, by bridge of boats in dry season, by steam ferry in the rains
		DALPUR 37,500 sq yds	9	65	
		GONDAR	7	72	See Route 269 Country and road as above, latter unsuitable for guns, cross the Chota Sarga near end of stage, by temporary bridge in dry season, when it is fordable by cavalry by ferry in the rains A small village, supplies procurable, plentiful good water from a well on the ground and 3 others in village near which is O G, country and road as above Majapur r-o is about 2 m W of Balpur. See Route 270. Country and road as above, cross the Tehri Nadi soon after starting, by temporary bridge in dry season, when it is fordable by cavalry, by small ferry in the rains
		Total marches 8 = 72 m			

Route No. 416
FROM LUCKNOW TO HARDOI
via MATTHABAD AND SANDILA

ACTIVITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Outh District Lucknow	Dy Commr of Lucknow, Lucknow	ANDHA-KI CHOKI	9	9	See Route 412.
		MATTHABAD	9	18	
		RAHIMABAD	8	20	
		SANDILA	9	35	
		KACHHONA 50,000 sq yds p-o	13	48	
	Dy Commr of Hardoi, Hardoi	PAOKHOHA 40,000 sq yds.	11½	60½	For other remarks see Route 261. A village, supplies procurable, good water, for a battn, from a well on, and (for animals) from a tank and jheel near C-G which is close to road and about 1 m. from Bahman r-o, country well wooded and cultivated, road raised and bridged, but unmetalled and difficult for wheeled traffic in the rains A village, supplies procurable, good water for a battn, from a well on C-G, which is S of road, level and dry, country and road as above See Route 148 Country and road as above
		HARDOI	10	69½	
		Total marches 7 = 69½ m			

Route No. 417.
FROM LUCKNOW TO JAUNPUR.
via HAIDARGARH AND NEAR SULTANPUR.

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Outh District, Lucknow	Dy Commr of Jaunpur, Jaunpur	From the Cantonment Church to—			A large village; supplies procurable good water, for a battn from 2 wells on C-G, site for which is in a grove of trees N W of village, country level, open and well cultivated, road raised, metalled and bridged, practicable for all arms cross the ry at 3 and pass Rakma at 7½ m
		GOSHAIANGANJ 25,900 sq yds p-o	11½	11½	
	Dy Commr of Bareilly, Bareilly-Bank	LONI KUTRA 390 x 360 yds.	12½	24½	A village, supplies on notice; good but limited water from a well in front of C-G, which is on roadside about ½ m W of village, country wooded but well cultivated, road as before but unmetalled; pass Goshalinganj soon after starting, and Gangagunj at 7 m
		HAIDARGARH	6½	31½	
		INHAUNA 15,000 sq yds p-o	10½	42½	
	Dy Commr of Rae Bareilly, Rae Bareilly				See Route 251 Country and road as before; pass Loni Kutra on starting and cross the Loni Kutra nullah, strongly bridged, immediately after A large village, supplies procurable, plentiful good water from 2 wells near C-G, site for which is N of road, country and road as above, latter sometimes impassable in the rains, pass Kharsula at 2 m

ADMINISTRATIVE.		Names of stages and place of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Allahabad District, Allahabad.	G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Sultanpur, Sultanpur.	JAGDISPUR . . .	10	61½	See Route 273. Country fairly cultivated, with jungle here and there; road unmetalled, but fit for all arms; nullah strongly bridged; pass Kamrauli at 6½ m. The Fyzabad-Rae-Bareilly road crosses at Jagdispur.
			PENSAHEPURA 400 × 300 yds.	10½	61¼	A small village; supplies must be collected; plentiful good water from 2 wells near C-G., which is S. of road and close to village; country cultivated; road as before; nullahs bridged; pass Namdarpur at 4½ m.
			DAUDPUR 400 × 300 yds. p-o.	8	69½	A village; supplies procurable; plentiful good water from 2 wells S. of C-G., which is N. of road; country, nullahs and road as above; pass Musafirkhana (p-o.) soon after starting.
			PIAGIPUR 400 × 300 yds.	18	62½	A village about 2 m. N-W. of Sultanpur; supplies abundant; plentiful good water from 2 wells on C-G., which is S. of road; country as above; road metalled.
			BHADIYA . . .	10	92½	A village; supplies procurable; plentiful good water from a well W. of C-G., small site for which is on both sides of road and near village; country cultivated, but much intersected by ravines; road unmetalled, but bridged and fit for all arms; pass Sultanpur at 2 m.
			GHANDA 300 × 150 yds. p-o.	10	102½	A village; supplies must be collected; plentiful good water from a well N-E. of C-G., which is S. of road and near village; country and road as above.
			SINGRAMAU 47,100 sq. yds. p-o.	10½	118½	A village; supplies on notice; plentiful good water from a well on, and (for animals), from a well and tank close to C-G., which is near roadside ½ m. W. of village, liable to be flooded in rains; country flat and jungly, with partial cultivation; road raised and bridged; cross a nullah during first half of stage, in the rains by boat, carrying about 30 men.
			BANNU 37,700 sq. yds.	13	126½	A small village; supplies must be collected; plentiful good water from a well on C-G., which is ½ m. S-E. of village, near roadside; country level, open and well cultivated; road raised and bridged, but only partly metalled.
			JAUNPUR . . .	14	140½	See Route 32. Country as above; road metalled, raised and bridged.
			Total marches, 13 =			
		140½ m.				

Route No. 418.

FROM LUCKNOW TO MAINPURI.

via MALIHABAD, SANDILA, MALLANWAN AND MENDHIGHAT.

ADMINISTRATIVE.		Names of stages and place of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Lucknow, Lucknow.	ANDHA-KI-CHOKI	9	9	See Route 412. For other remarks, see Route 164.
		MALIHABAD	9	18	
		RAHMABAD	6	24	
		SANDILA	9	33	
		GHAUSGANJ	15	48	See Route 248. Country well wooded and fairly cultivated; road, 24 ft. wide, unmetalled, but raised and bridged, difficult for wheeled traffic in rains; cross the Bsi (fordable in dry season) soon after starting; bridge low and dangerous in the rains. C-G. near left bank of the Ganges, site good, but covered with water in the rains; supplies procurable; good water from a well and the river; country and road as above; pass Kalianpur at 2 m.
		MALLANWAN	10	58	
		MENDHIGHAT 90,000 sq. yds.	10	68	
		SARAI MIRAN	6	74	
		GURSAHAIGANJ	15½	89½	Country well cultivated; road unmetalled, but bridged and practicable for all arms; cross the Ganges on starting, by ferry (6 boats, carrying from 50 to 160 men each) and join the Grand Trunk Road at about 4 m. See Route 266.
		CHHIBRAMAU	15	104½	
		BEWAR	18½	123	See Route 16.
		MAINPURI	14½	137½	
		Total marches, 12 =			
134½ m.					

Route No. 418(a).
FROM LUCKNOW TO MAINPURI
and MOHAN, BANGARMAU AND THE GRAND TRUNK ROAD

ACTIVITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow.	By Commr of Lucknow	FATEHGANGJ 110 x 65 yds	10	10	A small village supplies procurable, good water for a battn. from a well and (for animals) from a large tank near C.G. site for which is in a mango grove $\frac{1}{2}$ m. N.E. of village, country open level and cultivated, road metalled for the first 6 m. only, but practicable for all arms, cross the O and R Rly at Alamnagar r.s. at 6, and a canal (strongly bridged) at 8 m.
	By Commr of Unao, Unao.	MOHAN 48 020 sq. yds p-o	9 $\frac{1}{2}$	19 $\frac{1}{2}$	A small town, supplies procurable, good water, for a battn. from 2 wells 150 yds. N-W of C.G., which is in a mango grove S. of road, about $\frac{1}{2}$ m. E. of the Bar. where animals can be watered; country as above, road unmetalled but raised and strongly bridged pass Nawalganj at about 7 m.
	By Commr of Unao, Unao.	MIANGANGJ	13	32 $\frac{1}{2}$	Route 161 Country cultivated and wooded road as above, cross the Bar soon after starting, pass a good road which runs S. to Aigala r.s., distant about 11 m., immediately afterwards, and Akbarpur at 8 $\frac{1}{2}$ m.
	By Commr of Unao, Unao.	TAKIA 226 x 120 yds.	9 $\frac{1}{2}$	42	A small village, supplies on notice, good water for a battn. from 2 wells near C.G. site for which is about 200 yds. W of sarai; country low and uncultivated; road fairly good and practicable for all arms pass Amwan (p-o) at 2 and Bar. Thana at 6 m.
	By Commr of Unao, Unao.	BANGARMAU	8 $\frac{1}{2}$	50 $\frac{1}{2}$	Route 148 Country open and partially cultivated; road unmetalled and unraised, but bridged, cross a nullah (always fordable) soon after starting, bridge unfit for artillery, and pass Mustafabad at 4 $\frac{1}{2}$ m.
	By Commr of Unao, Unao.	NANAMAU 90,800 sq yds	8	58 $\frac{1}{2}$	A small village on right bank of the Ganges, supplies procurable, abundant good water from 2 wells on the site that might be used for C.G. which is on cultivated land $\frac{1}{2}$ m. E. of village, country and road as above latter difficult for wheeled traffic in rains, cross the Ganges at end of stage, by ferry of 20 large boats
	By Commr of Unao, Unao.	ARAUL	10	68 $\frac{1}{2}$	Country well cultivated; road, until it reaches the Grand Trunk Road at Dilhour at 8 $\frac{1}{2}$ m., as above; cross the Jann stream at about 8 m., by ferry of 1 large boat
	By Commr of Unao, Unao.	SARAI MIRAN	0 $\frac{1}{2}$	78 $\frac{1}{2}$	See Route 256.
	By Commr of Unao, Unao.	GURBAHANGJ	15 $\frac{1}{2}$	93 $\frac{1}{2}$	
	By Commr of Unao, Unao.	CHHIDRAMAU	15	108 $\frac{1}{2}$	See Route 256.
	By Commr of Unao, Unao.	BEWAR	13 $\frac{1}{2}$	122 $\frac{1}{2}$	
	By Commr of Unao, Unao.	MAINPURI	14 $\frac{1}{2}$	136 $\frac{1}{2}$	See Route 16
		Total marches 12 = 138 $\frac{1}{2}$ m			

Route No. 419.
FROM LUCKNOW TO PARTABGARH.
and JAGDISPUR AND AMETHI

ACTIVITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow.	By Commr of Lucknow	GOSHAINGANGJ	11 $\frac{1}{2}$	11 $\frac{1}{2}$	For other remarks, see Route 451 See Route 417
	By Commr of Lucknow	LONI KUTRA	18 $\frac{1}{2}$	29 $\frac{1}{2}$	
	By Commr of Lucknow	HADARGARH	6 $\frac{1}{2}$	36 $\frac{1}{2}$	
	By Commr of Lucknow	INHAUNA	10 $\frac{1}{2}$	47 $\frac{1}{2}$	
	By Commr of Lucknow	JAGDISPUR	10	57 $\frac{1}{2}$	

APPROXIMATE		Name of station and size of occupying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. O. 11th District, Lucknow.	Dr. Commr. of Dist. at Rae-Bareilly. Postal sub. Sultanpur.	JAIS . . .	14	65½	See Route 271.
		GAURIGANJ 52/100 sq. yds. p.o. r.s.	10	75½	A large grain and cattle mart; supplies procurable; plentiful good water from 2 wells on C.G., which is W. of Gauriganj, and N. of road; country cultivated; road partly metalled, fit for heavy wheeled traffic; nullahs strongly bridged.
		AMETHI 16/000 sq. yds. p.o. r.s. b.	9	84½	A town; supplies procurable; plentiful good water from 2 wells on C.G., site for which is S. of town, and opposite r.s.; country as above; road unmetalled, but practicable for heavy wheeled traffic. A road branches off N.E. from Amethi to Sultanpur, distant about 20 m.
		CHADRA 700 x 400 yds.	15½	99	A halting place; supplies procurable; plentiful good water from 2 wells near C.G., which is W. of road, and close to village; country flat and fairly well cultivated; road unmetalled, but raised, bridged and in good order.
		PARTABGARH . .	8½	106½	See Route 31.
		Total marches, 10 = 106½ m.			Country as above; road as before, but metalled after first 1½ m.; cross the Sal near end of stage.

Route No. 420. FROM LUCKNOW TO RAE-BAREILLY.

APPROXIMATE		Name of station and size of occupying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. O. 11th District, Lucknow.	Dr. Commr. of Dist. at Lucknow. Postal sub. Rae-Bareilly.	MOHANLAGANJ 161/10 sq. yds. p.o. r.s.	10½	10½	A large town; supplies procurable; good water, for a bathing, from a well on C.G., which is E. of road, and near town; country level, open and fairly cultivated; road metalled, bridged and suitable for all arms; pass Kalli at 6 m.
		HASANGANJ 600 x 400 yds. p.o.	14½	25	A village; supplies procurable; plentiful good water from a well on, and (for animals) from a small tank close to, C.G., which is W. of road and near village; country and road as above.
		HARIDWARPUR 400 x 100 yds. p.o. r.s.	11½	36½	A village; supplies procurable; plentiful good water from a well on C.G., which is N.W. of road and near village; country and road as above; cross the r.s. bar at 1 and pass Haridwar r.s., where the Haridwar-Fatehpur road is crossed, at 2 m.
		RAE-BAREILLY . .	10½	47½	See Route 41. Country as road as above; pass Katwara at 3 m.
		Total marches, 4 = 47½ m.			

Route No. 421. FROM LUCKNOW TO SITAPUR.

APPROXIMATE		Name of station and size of occupying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. O. 11th District, Lucknow.	Dr. Commr. of Dist. at Lucknow. Postal sub. Sitapur.	From the Cantonment Church, Lucknow.			
		HAERHI-KA-TALAO 102/220 sq. yds. r.s.	12½	12½	A large village; supplies procurable; abundant good water from 3 wells on C.G., which is E. of road and near village; country level, open and well cultivated; road raised, metalled and bridged; cross the canal at 1½, then pass through the civil sta. and cross the Ghazil at 4½ m.
		JAITAPUR 400 x 400 yds.	12	24½	A small village; supplies procurable; plentiful good water from wells in vicinity of C.G., which is E. of road and near village; country and road as above.
		BAHAUDPUR 550 x 550 yds.	10	34½	A small village; supplies procurable; good water, for a bathing, from wells in vicinity of C.G., which is E. of road and near village; country and road as above; pass Atera r.s. at 2 and Kailash r.s. at 4½ m.
		JALAPUR 300 x 250 yds.	11	45½	A small village; supplies procurable; plentiful good water from a well near C.G., which is E. of road and close to village; country and road as above; pass Kamalpur at 6 and cross the Ghn Nadi at 8 m.
		SITAPUR . . .	11	66½	See Route 161. Country and road as above; pass Khairabad r.s. at 6 m.
		Total marches, 5 = 66½ m.			

Route No. 422.
FROM LUCKNOW TO SULTANPUR.
via HAIDARGARH AND JAGDISPUR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. South District, Lucknow	By Commr of Lucknow, Lucknow	GOSHAINGANJ	11½	11½	
	By Commr of Bara Banki, Bara Banki	LONI KUTRA	13½	24½	
	By Commr of Haiderabad, Haiderabad	HAIDARGARH	6½	31½	
		INHAUNA	10½	41½	
	By Commr of Sultanpur, Sultanpur	JAGDISPUR	10	51½	For other remarks, see Route 417
		PEMSAHEPURA	10½	61½	
		DAUDPUR	8	69½	For other remarks, see Route 41.
		PIAGIPUR	13	82½	
		SULTANPUR	2	84½	
		Total marches, 8 =		84½ m.	

Route No 423.
FROM LUCKNOW TO TULSIPUR.
via NAWABGANJ, BAHRAUGHAT AND BALRAMPUR

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C South District, Lucknow	By Commr of Lucknow, Lucknow	CHINHAT	9½	9½	See Route 411.
	By Commr of Bara Banki, Bara Banki	NAWABGANJ (BARA BANKI)	10	19½	
		KINHAULI	11½	31	
		BAHRAUGHAT	9½	40½	
	Deputy Commissioner of Gonda District, Gonda	CHITAUINI	8½	49	See Route 415
		COLONELGANJ	7	56	
		KATRA p.o.	8	64	A village, supplies abundant, good water, for a bath, from 2 wells on, and others in the village ½ m from, C.G. small site for which is 8 of road, country level, open and well cultivated, road, raised and bridged (except over 3 nullahs which are generally fordable), but unmetalled and liable to floods, only practicable for artillery during the dry weather, pass Bahrapur at 4 m
		CHITAUINI	9	73	
		MAHARAJGANJ	11	84	Country and road as above; cross the Tehri Nadi at 3½ by temporary bridge in dry season, by small ferry in the rains, and the ry line at 7 m
		BALRAMPUR	9	93	
		MIRZAPUR	7½	100½	Country and road as in last stage For other remarks, see Route 201
		TULSIPUR	10½	111	
		Total marches, 12 =		111 m	

Route No. 424.
FROM LUDHIANA TO FEROEZPORE.
 via JAGRAON.

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Approximate.		Name of stage and also of intervening grounds.	Distance.		Remarks.
No. 424.	Chil.		Miles.	Total.	
G. O. C. Lahore District, Moorn Meer.	Dy. Commr. of Ludhiana, Ferozepore.	DAKHA 32,019 sq. yds. p-o.	11½	11½	A village; supplies on notice; good water plentiful; O-G. near roadside, about 1½ m. S-W. of village; country level, open and partially cultivated; road metalled and bridged; pass Sunait at 5 m.
		JAGRAON 311,410 sq. yds. p-o. l-o.	10	24½	A town; supplies procurable; plentiful good water from 3 wells on O-G., which is near roadside 1½ m. N. of town; country and road as above; pass Shekhopura at 5 m.
		MAHNA 335,230 sq. yds. b.	11½	36	A village; supplies procurable; water, somewhat brackish, from 3 wells on, and one near, O-G., which is about 1 m. N-E. of village; country and road as above; pass Matwani at 9½ m.
		DAGEU 161,310 sq. yds. b.	14	50	A village; supplies procurable, but grass scarce; water, brackish, but plentiful, from a well in silt, and 2 others in b. compound and on O-G., which is on roadside about ½ m. N-E. of village; country and road as before; pass near Mega at 7 m.
		GHALL 793 x 400 yds. p-o.	14½	64½	A village; supplies procurable, but grass scarce; water, brackish but plentiful, from a well on O-G., which is about 1½ m. N-E. of village; country and road as above; pass Dampur at 5 m.
		FEROEZPORE	13	77½	See Route 47.
		Total marches, 6 = 77½ m.			Country rail or barren; road as above; pass by the field of Ferozshah (famous for the battle fought between the British and the Sikhs on the 21st and 23rd December 1849), at about 2 and Malwal at 9 m.

Route No. 425.
FROM LUDHIANA TO HISSAR.
 via MALER-KOTLA, SANGRUR AND BAHAWAL.

Approximate.		Name of stage and also of intervening grounds.	Distance.		Remarks.
No. 425.	Chil.		Miles.	Total.	
G. O. C. Lahore District, Moorn Meer.	Dy. Commr. of Ludhiana, Ferozepore.	DEHLON	12	12	See Route 245.
		MALER-KOTLA	15	27	
		DHULA	12½	39½	A small village in Fardola; supplies and fodder on notice; abundant good water from wells in vicinity of village; extensive site for encampment may be had on either side of village; cultivation, with partial irrigation; road metalled and bridged; supplies procurable; pass Bhatnagar at 3 and Bahbanpur at 8½ m. Bhatnagar is 1 m. W. of Dhula.
		SANGRUR 312,120 sq. yds. p-o.	24	63½	A town in Fardola; supplies and fodder procurable; plentiful good water from 3 wells and (the animals) from a tank near O-G., which is on parade ground close to east-west F. B. line and N-E. of town; country and road as above; pass Bahbanpur, where the Karnal River is crossed, at 6 m.
		KHARIAL	11½	75	A small village; supplies and good water from wells in the fields, which may be utilized for encampment; country generally level and cultivated; road, 20 ft. wide, and metalled in last stage of repair, but passable for all arms; cross the Chajja (Fardola), except after heavy rain, at 7, and pass Bahbanpur at 9 m.
		JALLORE	12½	77½	Country open, uncultivated, and level, with sparse cultivation; road unmetalled, but very fair; pass Chahal at 5½ m.
		MANSI	9½	87	See Route 256.
		DHANILAN	21	108	
G. O. C. Bahawalpur, Bahawal.	Dy. Commr. of Bahawal, Bahawal.	DANAUHA	12½	120½	See Route 256.
		BAHWALA	14	134½	
		HISSAR	17½	152½	See Route 256.
		Total marches, 11 = 152½ m.			

Route No. 426.
FROM LUDHIANA TO HOSHIARPUR.
via THE GRAND TRUNK ROAD AND MAHTIANA

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Lahore District, Meean Meer	Dy. Commr of Ludhiana, Jullandhar, Hoshiarpur	PHILLOUR	9½	0½	See Route 266
		PHAGWARA	18	22½	
		MAHTIANA 174,360 sq yds	11½	33½	A village, supplies procurable; abundant good water from wells on and near C. G. which is close to road and village; country level open and well cultivated, road unmetalled but good cross the Doyn (always passable) at 5½ by a low causeway, and pass Bimbi at 10½ m.
		HOSHIARPUR	12	45½	
		Total marches, 4 = 45½ m			See Route 50. Country and road as before, but latter heavy in places

Route No. 427.
FROM LUDHIANA TO MBEAN MEER
via JAGRAON AND HARIKI

THE JAGRAON AND HARIKI

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Lahore District, Meean Meer	Dy Commr of Ludhiana, Jullandhar, Ferozepore, Fatehgarh, Makhu, Hariki, Bhagupura, Kala, Khalra, Barki, Meean Meer Deputy Commissioner of Ferozepore, Fatehgarh, Makhu, Hariki, Bhagupura, Kala, Khalra, Barki, Meean Meer Deputy Commissioner of Lahore, Lahore.	DAKHA	11½	11½	See Route 424
		JAGRAON	13	24½	
		BARIKUKRI	10	34½	A large village, supplies on notice; plentiful good water from wells, site for C.G. near village; country barren, except where there are wells, road metalled and bridged nearly all the way
		DHARMKOT	9	43½	
		FATTEHGARH p-o	11½	55	Country level and cultivated at first, but sandy and undulating near Dharmkot; road unmetalled, but fair, pass Bimbi at 4½ m
		MAKHU	9	64	
		HARIKI	5½	69½	A town; supplies on notice, plentiful good water from wells; site for C.G. near town, country open and generally cultivated, road near Dharmkot rough and bad, afterwards good, but unmetalled, running some distance along old bed of the Sutlej, canals bridged; pass Khila at 2½ and Khamtan at 9 m
		BHAGUPURA	9½	79½	
		KALA	9½	87½	See Route 334.
		KHALRA	7	94½	
		BARKI	8½	103½	Country level, open and generally well cultivated; road good, but unmetalled; canals bridged, pass Buh at 2½ m
		MBEAN MEER	9	112½	
		Total marches, 12 = 112½ m			For other remarks, see Route 296

Route No. 428.
FROM LUDHIANA TO ROHTAK.
via MALER-KOTLA, NABHA AND JHIND

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Lahore District, Meean Meer	Dy. Commr of Ludhiana, Jullandhar	DEHLON	12	12	See Route 333

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Chief Secretary to Punjab Government.	MALEK-KOTLA . . .	15	27	See Route 383.
		ANARGARH . . .	10	37	
		NABHA . . .	11	48	
		SAMANA . . .	16	64	
		KARAMGARH . . .	15	79	
		PIPALTA . . .	12	91	A small village in Patiala state; supplies on notice; plentiful good water from wells in vicinity of village, in fields near which is site for O-G.; country open, level and partially cultivated; road unmetalled, bad in parts and unsuitable for artillery; pass Nabhra at 9 m.
		NARWANA . . .	11	103	
		BARAODA . . .	18	115	A village in Patiala state; supplies on notice; plentiful good water from wells in vicinity of village, in fields near which is site for O-G.; country and road as in last stage; cross the Ghaggar R. in the first half of the march, by ferry (one boat carrying 40 men).
		JHIND . . .	11	126	
		JULANA . . .	14½	140½	Country as in last stage; road 15 to 25 ft. wide, fair in dry weather; pass Baharka at 7½ m.
G. O. C. Meerut District, Meerut.	De. Commr. of Rohatak, Rohatak.	CHIRI . . .	11	151½	
		ROHTAK . . .	11½	163½	See Route 200.
		Total marches, 18 =		163½ m.	For other remarks, see Route 101.

Route No. 429.
FROM LUDHIANA TO SIMLA.
 via MORINDA, KALKA AND THE NEW ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meerut.	Dy. Commr. of Ludhiana, Ludhiana.	KAHARA . . .	10½	10½	No. 429.—This route or No. 429(a) is preferable to Route 429(b), as the roads of the two former routes are better as well as the water and supplies.
		SAMRALA 555 x 390 sq. yds. p-o.	11	21½	
		KHAMANO . . . 111,000 sq. yds. p-o.	10½	31½	A small village near the artillery practice ground; supplies must be collected; abundant good water from wells in the neighbourhood of O-G., which is N. of road; country and road as in last stage; pass Hiran at 1½, Lakundana at 4, the Sirhind canal and Nilon village at 6, and Ludhiana at 8 m.
		MORINDA . . . 100,000 sq. yds. p-o. b.	9½	41½	
		KHARAR . . .	8½	49½	A small town in Patiala; supplies on notice; abundant good water from 2 wells on O-G., level site for which is close to road and town; country level, open and cultivated; road 20 ft. wide, unmetalled, but passable for all arms; pass Dyalpur at 2, Haydun at 4 and Mandair at 7½ m.
		KHERI . . .	8	57½	
		CHANDIGARH . . .	8	65½	Country and road as above; the latter is sometimes very heavy after rain and impassable for wheeled traffic; 3 nullahs (unbridged) are crossed which are unfordable after very heavy rain.
		KALKA . . .	7½	73½	
		DHARMPUR . . .	16½	89½	See Route 331.
		SOLAN . . .	12½	101½	
		KHAIRI GHAT . . .	18½	119½	
				SIMLA . . .	18½	138½
		Total marches, 12 =			
		138½ m.			

Route No. 429(a).
FROM LUDHIANA TO SIMLA.
via MORINDA, RUPAR AND BADI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Ludhiana, Ludhiana.	KAHARA . . .	10½	10½	See Route 429.
		SAMRALA . . .	11	21½	
		KHAMANO . . .	10½	31½	
		MORINDA . . .	8½	41½	
		KURALI . . .	6½	47½	Country level, open and well cultivated; road unmetalled and sandy, but good. See Route 331.
		RUPAR . . .	9½	56½	
		JUGATKHANA . . .	8½	65½	
		BADI . . .	11	76½	
		KHADI . . .	11½	87½	See Route 331(a).
		KAKARHATTI . . .	8	95½	
G. O. C. Sirhind District, Umballa.	Dy. Commr. of Umballa, Umballa.	SAIRI . . .	10½	106	
		SIMLA Church . . .	10½	116½	For other remarks, see Route 331
		Total marches, 12 = 116½ m			

Route No. 429(b).
FROM LUDHIANA TO SIMLA.
via MACHIWARA, RUPAR AND BADI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Ludhiana, Ludhiana.	KAHARA . . .	10½	10½	See Route 429.
		MACHIWARA p-o.	12½	22½	
		CHANKOR 600 x 570 yds. p-o. b.	13½	36½	A moderate-sized town; supplies plentiful; good water abundant; site for C-G on a sandy tract E. of town; country sandy; road heavy and bad; pass Upal at 8½ m.
		RUPAR . . .	9	45½	
		JAGATKHANA . . .	8½	53½	
		BADI . . .	11	64½	
		KHADI . . .	11½	76½	A large village; supplies on notice, plentiful good water from 2 wells on, and (for animals) from the Sirhind canal near C-G, site for which is on waste land 700 yds. E. of village, country open and sandy; road, 21 ft. wide, unmetalled, very heavy in parts, but bridged and passable for all arms; pass Patipur at 2½ and Bhilolpur at 7 m.
		KAKARHATTI . . .	8	84½	
		SAIRI . . .	10½	94½	
		SIMLA Church . . .	10½	104½	
G. O. C. Sirhind District, Umballa.	Dy. Commr. of Simla, Umballa, Umballa.	Total marches, 10 = 104½ m.			See Route 331(a).
					For other remarks, see Route 331.

Route No. 430.
FROM LUDHIANA TO SIRSA.
via MALER-KOTLA AND KALAYKAY.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Ludhiana, Ludhiana.	DEHLON . . .	12	12	See Route 333.

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.		MALER-KOTLA .	15	27	See Route 383.
		KUMARWAL .	17	44	A small village; supplies and fodder procurable; abundant good water from 7 wells in vicinity of village, close to which, and to a tank, is site for C-G.; country sandy, but fairly cultivated; road, a country cart-track, from 6 to 12 ft. wide; pass Burj at 4, Hathian at 6 and Mulowal at 14 m.
		KALAYKAY .	10½	54½	A village; supplies and fodder procurable; good water, for a battn., from a well near village, on cultivated land round latter is site for C-G.; country as above; road metalled and bridged; pass Kalu at 3 and Dhanaula (p-o.) at 7 m.
		KAMBALA .	13½	67½	A small village in Patiala; supplies and fodder on notice; plentiful good water from a well and canal close to village, near which is site for C-G.; country sandy; road unmetalled, but fair and passable for all arms; pass Aspal at 2½ and Uda at 11½ m. Bhikhi (p-o.) is about 5 m. from Kambala.
		RAIPUR .	14	81½	A village in Patiala; supplies and fodder on notice; good water from wells and the canal near village, round which is extensive site for C-G.; country and road as above; pass Mansa Kalan at 4 and Maikha at 10 m.
		PHAGU 694,500 sq. yds.	13	94½	A village; supplies on notice; good water, for a battn., from a well and tank 360 yds. from C-G., which is 180 yds. N. of village, and close to road; country sandy and partially cultivated; road as above; pass Nagla at 5 and Nonthia at 7 m.
		SIRSA .	18	112½	See Route 261.
		Total marches, 8 = 112½ m.			Country sandy, but open and cultivated; road as above, but impassable for all arms after heavy rain; cross the Ghaggar during latter half of stage, by ford, except after rain, when there is a ferry-boat carrying 30 men.

Route No. 431. FROM MAHOBA TO CHANDLA

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nowgong	LAURI	10½	15½	A large village in Chhatrapur state, supplies on notice, plentiful good water from a well near C.G., extensive site for which is near road, 200 yds N of village, country undulating road metalled and bridged, pass Jutaba at 8½ and cross the Kel stream (impossible when in flood) at 10½ m
		CHANDLA	12½	28	
		Total marches, 2 = 28 m			A large village in Charkhar territory supplies on notice; plentiful good water from a well E of C.G., ample site for which is near road, ½ m S of village, country as above, road, a cart track fair in dry weather; pass Veneri at 4 m Ajaygarh (p-o.) is about 16 m S-E. of Chandla but the route would be extremely difficult at any time, as the road is bad and the Ken R. crossed about half-way, is impracticable during rainy season

Route No. 432. FROM MAINPURI TO BATESAR. via SHIKOHABAD

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Ban delkhand District, Agra	Collector of Mainpuri, Agra, Agra.	BIGHAI	19½	19½	See Route 16
		AROUN	10½	29½	
		SHIKOHABAD	10	39½	
		BATESAR	11	44½	See Route 10 Cemetry flat road unmetalled but raised and partially bridged though unsuitable for guns owing to heavy sand and numerous deep, dry nullahs with steep banks met with which are not bridged, cross the Jumna at 9 m by ferry, but while the fair is being held there is a bridge of boats
		Total marches 4 = 44½ m			

Route No. 433. FROM MAINPURI TO ETAWAH

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut.	Collector of Mainpuri, Etawah, Meerut.	RATBHANPUR 71 000 sq yds	11	11	A village; supplies on notice; plentiful water from a water-out, N of which is C.G., country level open and well cultivated; road metalled and bridged, cross the Arrand at 6 m
		HAONRA (1 ACHWAI) 380 x 330 yds	11	22	
		ETAWAH	12	34	See Route 16 Country and road as above; cross the Sengar and Sirsa on route
		Total marches 3 = 34 m			

Route No. 434 FROM MALDA TO DARJEELING. via GAJOL AND TYPATAH

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O Presidency District, Fort Williams	Collector of Malda, Malda.	BOLIA NAWAB-GANJ 160,000 sq yds.	6½	6½	A village near left bank of the Maho Nadi, supplies procurable, fair water from the nadi in fields N of village and 300 yds E of which, is site for C.G. country level and cultivated, road 20 ft wide, unmetalled, but suitable for all arms
		GAJOL 320,000 sq yds p-o	11½	18	
					A village supplies procurable, plentiful fair water from a well and 2 tanks N of C.G., which is in fields on both sides of road immediately S of village country and road as above, cross a nullah at beginning of stage, by ford in dry season, by ferry (20 boats, from 50 to 300 mds. capacity) in the rains.

AUTHORITIES.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Dinajpur, Dinajpur. By Officer of Jalpaiguri, Darjeeling, Darjeeling.	KURPUR . 175 × 125 yds.	14	32	A small village; supplies on notice; plentiful good water from a large tank, W. of road and near which is site for C-G.; country level, with rice cultivation; road as above, but nullahs impassable during rains, though dry in dry weather. See Route 210.
		DURGAPUR .	11	43	
		KARNAJARA . 200 × 175 yds.	10	53	A small village; supplies on notice; wells must be dug for water; site for C-G. in paddy-fields S. of village; country level, with jute and rice cultivation; road and nullahs as above; pass Raiganj (a large market with p-o.) at 6½ m. From Karnajara a road runs N-E. to Hemtabad (p-o.), distant 5 m.
		SERAJGANJ . 300 × 300 yds.	13½	66½	
		NEKMARD .	12	78½	A small village; supplies on notice; wells must be dug for water; C-G. E. of road and near village; country and road as above, but latter only a track as far as the Kulik which is crossed at 4 m., by ford in dry season, by ferry (1 bamboo raft) in the rains; pass Bindol, on the Dinajpur-Purnea road; at 8½ m. See Route 211(a). Country and road as above; nullahs strongly bridged.
		LAHORI . 500 × 100 yds.	12½	90½	
		TARIYA . 800 × 50 yds.	11½	102	A fair-sized village; supplies on notice; plentiful good water from a tank, near which and close to where the road joins that from Dinajpur, is C-G.; country and road as before; cross a nullah at 6½ m., fordable except after heavy rain.
		TITALYAH .	17	119	
		SANNASIKATA .	7	126	Country and road as above; pass Atwari, where a halt might be made, at 4 m., and cross the Nagar immediately afterwards, by temporary bridge (unsuitable for artillery) or ford in dry weather, by ferry (1 raft) in the rains. See Route 386.
		SILIGURI .	8½	134½	
		KHAPRAIL .	7	141½	
		BISARBATI .	6½	148	
		KURSEONG . (RIFLE RANGE).	8	154	
		SONADA .	10	164	
		DARJEELING .	10	174	
		Total marches, 17 = 174 m.			

Route No. 435.
FROM MALDA TO DINAJPUR.
viâ GAJOL AND TAMBULI.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Dinajpur, Dinajpur. Collector of Malda, Malda.	BOLIA NAWAB- GANJ.	6½	6½	See Route 434.
		GAJOL .	11½	18	
		DEOTALAO .	10	28	A small village; supplies very limited; abundant but inferior water from 3 tanks, one on roadside close to village and the others in the vicinity; C-G. available on all sides of village to any extent; country open and slightly undulating; road, 20 ft. wide, unmetalled, but fit for all arms.
		TAMBULI .	11½	39½	
		DUNG DUNGI .	18	57½	A village with police stn.; supplies on notice; good water from the Tangan R., near which is small site for C-G.; country level and cultivated; road as above; cross the Boliya at 8 m. and the Tangan at end of stage, by ford in dry season, by ferry (rafts) in the rains.
		DINAJPUR .	12	69½	
		Total marches, 6 = 64½ m.			A village; supplies on notice; good but limited water from a well in the market place, on both sides of road near which is small site for C-G.; wells may be dug; country and road as above. See Route 108. Country light jungle with occasional cultivation; road as before; cross the Purna-bhaha towards end of stage, by ferry, 2 rafts.

Route No. 436.
FROM MALDA TO PURNEA.
viâ KATIHAH.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Malda, Malda.	NOWGURIA .	11	11	See Route 116.
		RATUA . p-o.	13	24	
					A village; supplies procurable; fair water from the Kaliadri, near which, and in fields S. of village, is site for C-G.; country cultivated, but low and subject to inundation; road, 20 ft. wide, unmetalled, but fair when not flooded; cross the Kaliadri on starting, by ford in dry season, by ferry (1 boat, but others on notice) in the rains.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C. P. Agency District, Fort William	Collector of Purses, Patna.	BURGAPUR 18,000 sq yds 25,000 sq yds	12	36	A village, supplies on notice abundant good water from a stream near which is site for C-G., there is also space for encampment E. of village country and road as above, cross the Kaimdi en route, by ford in dry season, by ferry (1 large and 1 small boat) in the rains, no bridges and no culverts.
		HANTAKOS 10,000 sq yds	12	48	A village, supplies on notice good water from the Ganges, near which S.E. of village, is site for C-G., country and road as above, but latter impassable during rains, cross the Kuma on starting by a small ferry.
		BAGHARA (NA WABGANI)	5	53	A small village, supplies on notice good water from the Kachhel, on bank of which, and S. of factory, is small site for C-G., country and road as above nullahs fordable in dry season.
		KATHAR (HUF- LA SAIFGANJ) p. o. to r.s.	13	66	A large village, supplies plentiful, abundant good water from wells in r-s compound, where there is a small site for C-G., good water is also obtained from a stream near mardae 1 m. W of r-s, country, road and nullahs, as above.
		BAUTARA 10,000 sq yds p-o r-s	9	75	A village, supplies on notice good water from a well in r-s, W of which and 8 m. N. of a nullah, is site for C-G., country and road as above, but latter impassable during rains, cross the Kuma on starting by a small ferry (1 small boat) in the rains, the other by an iron bridge.
		PURNEA	11	86	See Route 118 Country and road as above but latter metalled for last 3 m., cross the Sorn near end of stage by a strong bridge (guns should cross at intervals)
		Total marches, 8 = 86 m			

Route No. 437.

FROM MANIPUR TO TAMU, on the road to Auklang (Burma).

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE		REMARKS.						
Military	Civil		Miles	Total							
G O C. Assam District, Shillong	Political Agent at Manipur Deputy Com- missioner, Upper Chindwin District.	THOBAL . . .	19½	19½	A village on left bank of the Thobal R., supplies on notice, good water from the river, near which is extensive site for C-G., country open and highly cultivated; road a level bridle-path, bridges practicable for cavalry, cross the hill (fordable in dry weather) at 5½ m., by ferry						
		PALEL . . .	18½	27	A small village, supplies on notice; plentiful good water from a stream near village close to which is site for C-G., country open and partially cultivated road and bridges as above						
		TINGHAPAL	13	40	A halting place, supplies on notice, water fair, but sometimes scarce, from a sp rag, jungle has to be cleared and lean-to shelters made for encamping, country hilly, forest with cleared patches here and there for cultivation road as before, but ascends, gradient 1 in 10, after the first 2½ m.; pass Aimalo at 8 m						
		LAKCHAO RIVER. (Right Bank)	14	54	A halting place, supplies on notice, good water from the river, near which is site for C-G. country and bridges as before, road as in last stage, but undulating for 12 m., then descends steeply to the river, pass Khangang at 8 m., and cross the Lakchao, at end of stage, by small ferry						
		TAMU p o r-s	12	66	A village and military police outpost, supplies on notice, plentiful good water from a stream, near which is site for C-G., country, road and bridges as above, gradients steep in places, cross the Lakchao, towards end of stage, by ferry. From Tamu to Auklang the following stages are made:-						
					<table><tr><td>Sungatpen</td><td>14 m</td></tr><tr><td>Sweja camp</td><td>9 "</td></tr><tr><td>Auklang</td><td>10½ "</td></tr><tr><td>TOTAL</td><td>33½ m</td></tr></table>	Sungatpen	14 m	Sweja camp	9 "	Auklang	10½ "
Sungatpen	14 m										
Sweja camp	9 "										
Auklang	10½ "										
TOTAL	33½ m										
		Total marches, 5 = 66 m									

Route No. 438.

FROM MARDAN TO ABAZAI.

and THE SWAT RIVER CANAL

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C. P. Peshawar, Peshawar	Deputy Commissioner of Peshawar, Peshawar	NARRAI b.	11½	11½	A halting place, supplies must be collected plentiful good water from the canal, near which, and close to the canal b., is site for C-G., country open and partially cultivated, road practicable for all arms throughout, but only metalled as far as Gupargul (p.o.) at 3 m., then it runs along the bank of the canal, crossing it at 10½ m., by a stone bridge, nullahs strongly bridged.
		ZIAM b.	8½	20½	A halting place, supplies must be collected plentiful good water from the canal, site for encampment near canal b.; country as above; road along S. bank of the canal, unmetalled, but bridged and suitable for all arms, pass Mirabad at 5½ m.
		ABAZAI p-o	8½	30	A village with fort on left bank of the Swat R. where there is a ferry; supplies must be collected wood and good water plentiful, suitable site for encampment between the fort and canal, country and road as above, latter along the canal and through an avenue of trees. Abazai is about 20 m N of Peshawar.
Total marches, 3 = 30 m					

Route No. 439.
FROM MARDAN TO LANDKHOR, on the road to Swat.

277

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Peshawar, Peshawar.	JALALA 180,000 sq. yds.	11½	11½	A village; supplies on notice; plentiful good water from a well and a stream, on bank of latter, and S. of village, is C.G.; country level and well cultivated; road metalled and bridged, practicable for all arms; pass Gnjargarhi (p-o.) at ¼ m. and cross the Kalapani towards end of stage, by rope suspension bridge for foot passengers and led animals, by stone causeway, except in floods, for wheeled traffic
		LANDKHOR . p-o.	6	17½	A village; supplies procurable; plentiful good water from wells in vicinity of village, E. of which, and near a graveyard, is extensive site for C-G.; country level and barren; road, 12 ft. wide, unmetalled, but practicable for all arms; nullahs only difficult when in flood, approaches ramped. On continuing on into Swat territory the following stages are made:—
		Total marches, 2 = 17½ m.			
				Miles.	Total.
				Landkhor to Kasims	9 26½
				Mora Banda (at foot of pass)	14 40½
				Mora Kotah	10 50½
				Thana	9 59½

Route No. 440.
FROM MARDAN TO MALAKHAND PASS.
via DARGAI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By. Commr. of Peshawar, Peshawar. Political Officer of Malakhand.	JALALA . . .	11½	11½	See Route 439.
		DARGAI . . . p-o.	13½	25	A large village with an earthwork enclosure, situated at the foot of a low spur, between which and the main range the road up the pass runs; supplies procurable; plentiful good water brought by pipes from a spring 8 m. distant, and also from wells; extensive site for C-G. on road-side near the enclosure; country at first undulating and partially cultivated, afterwards hilly, broken and intersected by ravines; road as above; cross the Bagzarai stream soon after starting, by ford, except when in flood, or by suspension bridge for pack animals, pass Shergarh at 5, Shakkot at 8½, and cross the Shakkot najlah at 10 m. by a strong wooden bridge.
		MALAKHAND . . . PASS	8½	33½	A halting place; no supplies except grass and firewood; plentiful good water from pipes fed by springs S-W. of C-G., site for which is on an open space near a few Gnjor huts; country hilly and wild; road as above; at 1¼ m. commence the ascent of the hotel by a graded cart-road and reach the crest, which is commanded by a fort ¼ m. W. of the pass, at 7½ m., thence there is a short easy descent to the camp. The road continues on, via Khar, to Chakdara, distant about 10 m.
		Total marches, 3 = 33½ m.			

Route No. 441.
FROM MARDAN TO MIR KHAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Deputy Commr. of Peshawar, Peshawar.	KATHANG . 10,000 sq. yds p-o.	12	12	A large village; supplies on notice; plentiful good water from a well in, and springs near, police sta., close to which is site for C.G.; country flat and cultivated; road unmetalled, level for first 7 m., then very rough through a narrow ravine, unsuitable for wheeled traffic; cross the Kalapani (generally fordable) soon after starting. From Kathang a country track leads N. to Swat, via Kabuli and the Mora pass, and another N.W. to Landkhor.
		MIR KHAN .	8	20	
		Total marches, 2 = 20 m.			A small village; supplies on notice; water, in cold weather, from a tank ¼ m. N. of village, in summer from a spring in the hills 3 m. from village, on cultivated land near which is extensive site for C.G.; country and road as above; at 4 m. the road to Kabuli, distant about 4 m., branches off.

Route No. 442.
FROM MARDAN TO SALIM KHAN, on the road to Chinglai.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Frontier Force, Abbottabad.	Depty. Commissioner of Peshawar, Peshawar.	ISMAILA .	11	11	See Route 6.
		SALIM KHAN .	13	24	
		Total marches, 2 = 24 m.			A village; supplies on notice; plentiful good water from wells in village, W. of and near which is extensive site for C.G.; country level and fairly cultivated; road neither metalled nor bridged, but fair and practicable for all arms, though difficult for wheeled traffic towards end of stage; nullahs subject to sudden floods, but water subsides rapidly; pass Minnowdara at about 7 m. From Salim Khan a road runs N.E. to Mangal Thana, 18 m., thence to Malka, total 36 m. Chinglai, the chief place in Panjtar, is about 16 m. N. of Salim Khan.

FROM MARDAN TO SHERDARRA, on the border of Buner Territory.

ADMINISTRATIVE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Punjab Frontier Force, Abbottabad	Dyputy Commissioner of Ferozabad, Ferozabad.	ISMAILA . . .	11	11	See Route 4.
		PARNALI . . .	8	19	A village; supplies on notice, plentiful good water from wells in vicinity of village, near which is extensive site for C-G; country level and well cultivated, road unmetalled and unbridged, but practicable for all arms, good as far as Nawa Kila, $\frac{1}{2}$ m., thence narrow and rough, pass Adina at $1\frac{1}{2}$ cross a mallet (fordable except when in flood) soon afterwards, and pass Shewa at 10 m.
		SHERDARRA . . .	5	24	A small village, no supplies, good water procurable, but limited; space for encampment near village, country barren, road as in latter part of last stage; mallets not difficult; pass Mir Ali at 2 m.
		Total marches, 3 =			24 m

Route No. 444.

FROM MARDAN TO SURKHAWI, on the road to Maska.

via RUSTAM

ADMINISTRATIVE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.							
Military	Civil		Miles	Total.								
G O C Punjab Frontier Force, Abbottabad	Dyputy Commissioner of Ferozabad, Ferozabad.	CHARGULAI .	16	16	A village, supplies procurable; plentiful good water from wells in village, close to road E of which is ample site for C-G, country level and somewhat barren, road, 80 ft. wide, unmetalled, but passable for all arms, pass Bakshai at 9½, where there is good C-G, and Katarpan at 15 m							
		SURKHAWI	9	25	A small village at entrance of the pass, supplies must be collected, good water procurable, but limited, waste land near village available for C-G; country as above, road as before for first 8 m., then narrower, but still practicable for all arms, pass Rustam (p-o) at 4 m., where there is a site for encampment, supplies and good water being obtainable. Maska is about 31 m. from Surkhawi and the route to it would make the following stages —							
		Total march es, 2 =				<table><tr><td>Amberysa</td><td>11 m.</td></tr><tr><td>Kuria</td><td>8 "</td></tr><tr><td>Maska</td><td>12 "</td></tr><tr><td>TOTAL</td><td>31 m</td></tr></table>	Amberysa	11 m.	Kuria	8 "	Maska	12 "
Amberysa	11 m.											
Kuria	8 "											
Maska	12 "											
TOTAL	31 m											

Route No. 445.

FROM MEEHAN MEER TO EDWARDESABAD.

via KANOKE, RAMNAGAR MIANI AND KALABAGH

ADMINISTRATIVE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Lahore District, Meehan Meer	Dy. Commr. of Lahore, Lahore.	LAHORE . . .	6	6	See Route 296
		SHAHNARA . . .	24	30	
		MURIDKE . . .	12 $\frac{1}{2}$	42	
	Dy. Commr. of Gujrat, Gujrat.	KANOKE . . .	12 $\frac{1}{2}$	54 $\frac{1}{2}$	See Route 299
		KIRIA DIDAR-SINGH . . .	16 $\frac{1}{2}$	71	
		SAHARAN . . .	9 $\frac{1}{2}$	80 $\frac{1}{2}$	A small village, supplies on notice, good water from wells within 100 yds. of village round which extensive site for C-G could be arranged for on notice, country and road as above, but latter unmetalled. Alagpur is about 6 m. N-W of Saharan.
		RAMNAGAR . . .	10	90 $\frac{1}{2}$	
		HANNAL . . .	6 $\frac{1}{2}$	97	
	Dy. Commr. of Shahpur, Shahpur.	PHALIA . . .	10	107	Country and road as above, across the ry. about half-way.
		KUTHIALA-SHEKHAN . . .	9 $\frac{1}{2}$	116 $\frac{1}{2}$	
		KATHALA MIANI . . .	10 $\frac{1}{2}$	127	
G O C Rawal Pindi District, Rawal Pindi	Dy. Commr. of Shahpur, Shahpur.	MIANI . . .	12	139	For other remarks, see Route 7 (a)

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	PIND-DADAN-KHAN.	7½	124½	See Route 7(a).
		CHOYA-SAIDAN-SHAH.	18½	137½	
		DALELPUR . . .	9	140½	
		KALLAR-KAHAR . . .	9	155½	
		DHERPUR . . .	9	164½	See Route 238.
		TALAGANG . . .	11	175½	For other remarks, see Route 7.
		SINGWALA . . .	11½	187	
		TANMAN . . .	8	195	For other remarks, see Route 238.
		SHAH MUHAMMAD-WALA.	12	207	
		NIRI . . .	10	217	
		MARI . . .	17	234	
		KALABAGH . . .	8	237	
		KAMARMASHANI . . .	14½	251½	
		ISAKHEL . . .	14	265½	
		DABRA TANG . . .	8	273½	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Bannu, Bannu.	LARI . . .	16½	289½	See Route 4.
		NAURANG SARAI . . .	15	304½	
		EDWARDESABAD . . .	16	320½	
		Total marches, 30 = 320½ m.			

Route No. 446.
FROM MEEAN MEER TO FEROZEPORE.
 via KASUR AND GANDA SINGHWALA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meean Meer.	Deputy Commissioner of Lahore, Lahore.	KANA-KACHA . . . 620 x 520 yds. p-o. b.	11½	11½	A village; supplies procurable; plentiful good, but brackish, water from wells near C-G., which is to right of road, near sarai; country partially cultivated; road metalled and bridged; leave the cantonments by the cavalry lines; pass Amar Sidhu at 4½ (here road from Lahore joins in), and Gajju Matta at 9½ m. Kana-Kacha is 16½ m. from the Badami Begh at Lahore.
		LULIANI . . . 470 x 280 yds. p-o. b.	8½	19½	
		KASUR . . . 720 x 670 yds. p-o. t-s. r-s. b.	9½	29	A large town with a sarai; supplies procurable; plentiful good water in town and also from well on C-G., which is on right of road; there are other wells in village; country and road as above; pass Jilki at 2½, and cross the Bari Doab canal at 7½ m.
		GANDA SINGH-WALA . . .	6½	35½	
		FEROZEPORE . . .	10½	46½	Country becomes low and cultivated on leaving Kasur; road as above; pass the road to Chunian at ½, ascend the steep bank of the old Beas at 1½, pass Baugla at 1½, and Man at 3½ m.
		Total marches, 5 = 46½ m.			

Route No. 447.
FROM MEEAN MEER TO GUJRAT.
 via SHEKHUPURA, HAFIZABAD AND RAMNAGAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meean Meer.	Deputy Commissioner of Lahore, Lahore.	LAHORE . . .	0	0	See Route 260.
		MANDIALI . . . 44,770 sq. yds. b.	10	10	

A small village; supplies procurable; plentiful good water from a well on C-G., which is near sarai; country level, open and well cultivated; road metalled and bridged; cross the Ravi at 1 m., by bridge-of-boats, maintained throughout the year.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Gujranwala, Gujranwala.	SHEKHUPURA	11	27	See Route 300 Country as above, road 50 ft. wide, unmetalled but suitable for all arms.
		JANDIALA-SHEER-KHAN p o	8½	36½	A village, supplies on notice, plentiful good water from wells within 100 yds. of village, near which extensive site for C G can be arranged for on notice; country and road as above, latter 60 ft. wide.
		AJNIAWALA p o	12	48½	A village, supplies on notice, plentiful good water from wells within 100 yds. of village, and from the Chenab canal (Gugera branch) extensive site for C G can be arranged for on notice, country and road as in last stage, pass Jhalan at 4½ m.
		KAFIZABAD	11	69½	See Route 299 Country and road as before, latter 50 ft. wide, pass Kasoke at 4 m.
		GAJARGOLA	10	68½	
		RAMNAGAR	11	79½	For other remarks see Route 293.
		JORALIAN	7	86½	See Route 301.
		KUNJAH	14	100½	
		GUJRAT	8	108½	For other remarks see Route 293.
		Total marches, 11 = 108½ m			

Route No. 448.
FROM MEEAN MEER TO GURDASPUR.
via BATALA.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Meean Meer	By Command of Amritsar, Amritsar.	AHWAN 10,910 sq. yds.	11½	11½	A village, supplies procurable, plentiful good water from 2 wells close to C-G, site for which in W of road and 600 yds. E of village; country level, open and cultivated, road, 50 ft. wide, unmetalled rough but bridged and passable for all arms, cross the canal at 5½, and the Grand Trunk Road at Shalimar at 6½ m.
		CHAOGAON	12	23½	See Route 438. Country and road as above, pass Chak at 4 m
		SAINSARA	11½	34½	A village, supplies on notice, plentiful good water from wells in and near village, around which is site for C-G country and road as above, cross the canal at 5½ and 6½, and the Amritsar-Sialkot road at 8½ m
		PANDHIE	8½	42½	A village; supplies on notice, plentiful good water from wells in and near village close to which is site for C-G, country and road as above
		BATALA	15	57½	Country and road as above, but latter partially metalled; cross the canal at 1½ and 9 m
		BIDHUPUR	9½	67½	
		GURDASPUR	9½	76½	See Route 439
		Total marches, 7 = 76½ m			

Route No. 449
FROM MEEAN MEER TO HOSHIARPUR.
via BATALA, BEIT FERRY AND TANDA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Meean Meer	By Command of Amritsar, Amritsar.	AHWAN	11½	11½	NOTE—This route is preferable to No 448(a) as it is a better one in all respects
		CHAOGAON	12	23½	For other remarks, see Route 438.
		SAINSARA	11½	34½	See Route 438
		PANDHIE	8½	42½	
		BATALA	16	57½	For other remarks, see Route 439
		DEHRAWAL p o	8	65½	A village, supplies on notice, good water from wells and the canal, C G must be arranged for, country level and cultivated road metalled for first 1½ m. only but bridged and passable for all arms, cross the canal at 7 m
		BEIT FERRY	12	77½	See Route 374 Country as above, road as in latter part of last stage; cross the canal at 6½ and pass Barhawal at 7 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dr. Commr. of Hoshiarpur, Hoshiarpur.	TANDA . . .	8	85½	For other remarks, see Route 374. See Route 50(a).
		BULOWAL . . .	10½	96½	
		HOSHIARPUR . . .	10½	106½	For other remarks, see Route 50.
		Total marches, 10 = 106½ m.			

Route No. 449(a).
FROM MEEAN MEER TO HOSHIARPUR.
via BATALA, SRIGOVINDPUR AND TANDA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dr. Commr. of Amritsar, Amritsar.	AHWAN . . .	11½	11½	For other remarks, see Route 40. See Route 445.
		CHAOGAON . . .	12	23½	
		SAINSARA . . .	11½	34½	
		PANDHIE . . .	8½	43½	For other remarks, see Route 40.
		BATALA . . .	15	57½	
		KANDILA . . .	9	66½	A village; supplies on notice; good but limited water from wells in vicinity of village; U-G. must be arranged for; country level and cultivated; road metalled for first 2 m. only, but bridged and passable for all arms; pass Masanian at 8 and cross the canal at 5 m.
		SRIGOVINDPUR . . .	9½	76½	
		TANDA . . .	10	86½	Country as above; road as in latter part of last stage. See Route 50(a).
		BULOWAL . . .	10½	96½	
		HOSHIARPUR . . .	10½	107½	For other remarks, see Route 50.
		Total marches, 10 = 107½ m.			

Route No. 450.
FROM MEEAN MEER TO JHANG.
via SHEKHUPURA, PINDI-BHATIAN AND CHINIOT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dr. Commr. of Lahore, Lahore.	LAHORE . . .	6	6	See Route 226.
		MANDIALI . . .	10	16	
		SHEKHUPURA . . .	11	27	See Route 447. For other remarks, see Route 200.
		CHUHUR KANA . . . 96,160 sq. yds.	11½	38½	
		KHANGAH-DOGRAN . . .	12	50½	See Route 301. Country covered with scrub-jungle; road as above.
		SUKHEKI . . . 210,610 sq. yds. p-o. r-s.	9½	60½	
		PINDI-BHATIAN . . .	12½	72½	A village; supplies on notice; plentiful good water from wells within 100 yds. of, and a branch of the Chenab canal near, C-G, which is about ½ m. S. of village; country partially cultivated; road as above.
		SHEKHAN . . .	10	82½	
		CHINIOT . . .	12	94½	Country and road as above, latter sandy and heavy in places. The road from Mooltan passes through Pindi-Bhatian. See Route 299.
		BUKHARI . . .	9½	104	
		BHAWANA . . .	14½	118½	

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C. Lahore Funds District, Raval Pindi	Deputy Commis- sioner of Jhang Jhang	KHIWA . .	14	132½	See Route 289
		JHANG . .	15½	147½	
		Total marches, 13 =			
		147½ m			

Route No. 451.
FROM MEEAN MIER TO MONTGOMERY.
via AKBAR

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Lahore District Meean Meer	Deputy Commis- sioner of Lahore Lahore	From the Church to NIAZ BEG . .	12½	12½	A village supplies on notice; good water, for a battn, from a well on O G, which is W of road and near a temple, country level, open and partially cultivated; road installed and passable for all arms
		890 x 270 yds. p o			
		CHUNG . .	6½	18½	A village, supplies on notice, good water, for a battn, from 2 wells near O G, which is close to village and thana; country as above, road unmetalled, but good and passable for all arms. There is a ferry over the Ravi here
		670 x 600 yds p o b			
		NANKANA . .	10½	29½	A village, supplies on notice; good water, for a battn, from a well on C-G, which is about 1½ m short of the small town of Munga (p o), country level, open and barren, road as above
		410 x 420 yds b			
		BHAI PHERU . .	10½	30½	A large village; supplies on notice, plentiful good water from wells near O-G, which is N of road and close to village country and road as above
		420 x 420 yds p o			
		MUGHAL SARAI . .	7	46½	A small village, supplies on notice; plentiful good water from wells near C-G, which is N of road, country and road as above, latter heavy in places
		162 000 sq yds. b			
		CHOCKAK . .	18	62½	A village and police sta., supplies on notice plentiful good water from a well on C G., which is N of road and village, country level, open and cultivated; road as above
		400 x 220 yds p o b			
		MIRAK . .	10	72½	A small village supplies on notice, plentiful good water from a well with trough near O-G, which is N of road and opposite village, country and road as above
		280 x 170 yds.			
		AKBAR . .	14	86½	Country as above, road unmetalled, about 50 ft wide, passable for all arms.
		KAURA SHAH . .	10	96½	
		MONTGOMERY . .	10	106½	See Route 257
		Total marches, 10 =			
		106½ m			

Route No. 451(a).
FROM MEEAN MIER TO MONTGOMERY.
via CHUNIAN, SHERGARH AND SATGHARA.

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Lahore District Meean Meer.	Deputy Commis- sioner of Lahore, Lahore	NIAZ BEG . .	12½	12½	See Route 451
		CHUNG . .	6½	18½	
		NANKANA . .	10½	29½	
		BHAI PHERU . .	10½	39½	
		JAMBER KHURD . .	6½	46½	A village; supplies on notice, plentiful good water from wells in vicinity of village, near which is site for O G country covered with thick jungle, road unmetalled not much used, but passable for all arms
		CHUNIAN . .	12½	57½	
		SHERGARH . .	18	75½	See Route 258 Country and road as above, pass Changa-Munga r-r at 5 and crosses the Bari Doab Main canal at about 7 m, by a strong brick bridge Country and road as above
		SATGHARA . .	14½	90½	
		AKBAR . .	13	103½	See Route 257
		KAURA SHAH . .	10	113½	
		MONTGOMERY . .	10	123½	
		Total marches, 11 =			
		123½ m			

Route No. 452.
FROM MEEAN MEEB TO SHAHPUR
via SHEKHUPURA AND PINDI-BHATTIAN.

283

AUTHORITIES.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Lahore District, Meean Meer.	By Commr. of Lahore, Lahore.	LAHORE	6	6	See Route 266.
		MANDIALI	10	16	} See Route 447. For other remarks, see Route 266.
		SHEKHUPURA	11	27	
		CHUHUR KANA	11½	38½	} For other remarks, see Route 301. See Route 450.
		KHANGAR-DOGRAN.	19	50½	
		SUKHEKI	9½	60½	
		PINDI-BHATTIAN	12½	72½	} For other remarks, see Route 266.
		CHENAB RIVER right bank of the—	7	79½	
		LAKSNI 99,000 sq. yds. b.	6	85½	} A halting place; supplies on notice; plentiful good water from wells; site for C-G. near the river; country jungly; road, 60 ft. wide, unmetalled, sandy and heavy, unsuitable for artillery in rainy season; cross the Chenab R. at end of march, by ferry.
		BHAGTANWALA 160,000 sq. yds. b.	10½	96	
G. O. O. Rawal Pindi District, Rawal Pindi.	By Commr. of Chajrawala, Chajrawala.	MITTA LAK 99,000 sq. yds. b.	10	106	} A halting place with a police sta.; supplies on notice; abundant good water from a well in the arai, and from a tank close to C-G., which is near road; country and road as above.
		DHREMA 110,880 sq. yds. b.	10	116	
		SHAHPUR	10	126	} A village; supplies on notice; plentiful good water from 2 wells near C-G., which is W. of village; water also from a tank which contains a large supply during rainy seasons; country partly cultivated; road fair, 54 ft. wide, unmetalled but bridged, unsuitable for artillery during rains; pass a good well at Samranwali Thal about half-way.
		Total march, 13 = 126 m.			
					} A village about 1 m. S. of the road; supplies easily procurable on notice; plentiful good water from wells near C-G., which is close to arai; country partly cultivated, but mostly jungly; road as above.

Route No. 452(a).
FROM MEEAN MEEB TO SHAHPUR.
via RANMAGAR AND MIANI.

AUTHORITIES.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Lahore District, Meean Meer.	By Commr. of Lahore, Lahore.	LAHORE	6	6	See Route 266.
		KOT PINDI DASS p.o.	10½	16½	} A village; supplies on notice; good water plentiful; extensive site for C-G. near village; country level, open and partially cultivated; road unmetalled and water-logged in rains, but fair in dry weather; cross the Harri (bridge-of-boats maintained throughout the year) at 1 m.
		RATALI KALAN	13½	30½	
		THABAL	15½	46	} A small village; supplies on notice; plentiful good water from wells within 100 yds. of village; extensive site for C-G. can be arranged for on notice; country and road as above.
		NAHIWALA	10½	56½	
		RANMAGAR	10½	67	} A small village; supplies on notice; plentiful good water from wells within 100 yds. of village; extensive site for C-G. can be arranged for on notice; country and road as above.
		RANMAL	6½	72½	
		PHALIA	10	82½	} Country and road as above.
		KUTHIALA-SHEKHAN.	9½	92½	
		KATHALA MIANI.	10½	102½	} See Route 268.
G. O. O. Rawal Pindi District, Rawal Pindi.	By Commr. of Gujrat, Gujrat.	MIANI	12	114½	
		BHERA	9	123½	} For other remarks, see Route 7(a).
		CHAK-RANDAS	11	134½	
		JHAWARIAN	8½	143	} See Route 7(n).
		SHAHPUR	11	154	
		Total march, 15 = 154 m.			} For other remarks, see Route 7.

Route No. 453.
FROM MEHAN MEER TO SIALKOT.
via KANOKE AND EMINABAD

AUTHORITIES		Names of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Lahore District, Mehan Meer	Dry Commr of Lahore	LAHORE	6	6	See Route 286
		SEAHADARA	2½	8½	
		MURIDKE	12½	21	
		KANOKE	12½	33½	
		EMINABAD	6	39½	
G O C Rawal Pindi District, Rawal Pindi	Dry Commr of Gujranwala	DHAERKOT 410 x 330 yds	13½	53	See Route 48 Country cultivated, road 25 ft wide, unsurfaced, but suitable for artillery. A new road runs W from Eminabad to Dhillanwali on the Grand Trunk Road, distant 3 m
		SHALLOWALI 410 x 400 yds	13½	66½	A small village; supplies on notice, plentiful good water from 6 wells within 300 yds of C-G, which is W of and close to road, country level, open and well cultivated; road in fair order, 30 ft wide, unsurfaced, but suitable for all arms, nullahs bridged; pass Mandirah at 7 and Badhopar at 8 m. From Dharmlot a road runs E to Wadala Sandhuas (p-o), distant 2½ m
		SIALKOT Church	12½	79½	A small village, supplies on notice; plentiful good water from 6 wells within 200 yds of C-G, which is E of road and near village, country, road and nullahs as above; pass Bhuttivind at 3 and Mandirah at 8½ m
		Total marches, 6 =			See Route 51 Country as above road metalled for last 3½ m only but bridged throughout and suitable for all arms pass the city of Sialkot at 9 m
		78½ m			

Route No. 453(a).
FROM MEHAN MEER TO SIALKOT
via GUJRANWALA AND DASKA.

AUTHORITIES		Names of stages and size of camping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Lahore District, Mehan Meer	Dry Commr of Lahore	LAHORE	6	6	See Route 286
		SEAHADARA	2½	8½	
		MURIDKE	12½	21	
		KANOKE	12½	33½	
		GUJRANWALA	11½	45	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Sialkot, Sialkot	DASKA 360 x 270 yds. p-o. t-s b	10½	61½	A large village, supplies procurable; plentiful good water from a well on, and others in vicinity of, C-G, which is E of road; country level, open and well cultivated; road unsurfaced but good and suitable for artillery except after heavy rain; leave the Grand Trunk Road at 1½, pass Chak Jangra at 8½ and Nanhas at 14 m
		GHEUNKI 300 x 330 yds.	9½	70½	A small village, supplies on notice, plentiful good water from 7 wells in vicinity of C-G, which is W of road country and road as above; nullahs bridged; pass Jastarnal at 2½ m
		SIALKOT Church	9½	80½	See Route 51 Country, nullahs and road as above, except that the last 5 m of latter are metalled, pass the city of Sialkot at 6½ m
		Total marches 8 =			
		80½ m			

Route No. 454.
FROM MEERUT TO BIJNOR.
via BAHSUMA

AUTHORITIES		Names of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Meerut District, Meerut	Cells of Meerut, Meerut	MASURI	10	10	A small village, supplies on notice, good water from wells extensive site for C-G near village, country flat and cultivated, road metalled and bridged as far as Sami, 6½ m thence unsurfaced and indifferent, cross the Kakh Nadi just before reaching Sami
		BAHSUMA p-o	13	23	A large village; supplies procurable, good water from 2 wells close to village, near which, on cultivated land, is site for C-G, country as above; road, 30 ft wide, unsurfaced and indifferent, cross the Choga Nadi at 1 and the canal at 9½ both strongly bridged.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut and District, Meerut.	Colly. of Meerut, Meerut.	HUSAINPUR p-o.	7½	30½	A village; supplies must be collected; plentiful good water from wells in vicinity of village, near which is ample site for C-G.; country fairly cultivated; road laid and intersected by unbridged ravines from the Ganges.
		BIJNOR Church 640 × 810 yds. p-o. t-s. b.	8½	39½	
		Total marches, 4 = 86½ m.			

Route No. 455.
FROM MEERUT TO KARNAL.
via SHANLI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Meerut, Meerut.	BHAUNI . . .	12	12	Norr.—The whole of this road is liable to be flooded in wet weather. A village; supplies on notice; good water from a well in vicinity (31 ft. of water), and also from a canal; camp could be pitched anywhere as country is level, open, and well cultivated; the road (30 ft.) is metalled (13 ft.) and bridged as far as, and including the Ganges canal, which is crossed at 8½ m., afterwards unmetalled, 26 ft. wide; pass Dubuta at 7½ and Nanas at 8½ m.; after crossing the canal, a metalled road, 30 ft. wide, leads N. to Sardhana and an unmetalled road also leads to the same place at 11 m.; near Bhauni an unmetalled road leads W. to Barant, 18 m., crossing the Hindan R. by boat at 6½ m., fordable in dry season; supplies plentiful at these places.
		JAULA . . . 133,100 sq. yds.	12½	24½	
		SHANLI . . . 55,124 sq. yds. p-o. t-s.	13½	38½	
		BIDAULI . . . 90,900 sq. yds. p-o.	18½	57½	
G. O. C. Meerut District, Meerut.	Collector of Meerut, Meerut.	KARNAL . . .	11	68½	See Route 266. Road on E. of the Jumna is 20 ft. wide, unmetalled; on W. of the river a mere track for first 3 m., but passable for all arms throughout; in dry weather there is a bridge-of-boats across the Jumna; bridge not strong enough for heavy traffic; a ferry (2 boats, each carrying 70 to 100 men) in the rains; it takes about 40 minutes to cross the river which is about ½ m. wide.
		Total marches, 6 = 63½ m.			

Route No. 456.
FROM MEERUT TO LANDOUR.
via MUZAFFARNAGAR, DEORAND AND MOHAND.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Colly. of Meerut, Meerut.	DAURALA . . . 141,350 sq. yds.	8½	8½	A small village; supplies must be collected; plentiful good water from 2 wells on C-G., which is ¼ m. from Sardhana r-r.; country level, open and well cultivated; road metalled and bridged, suitable for all arms; pass Dauri at 2½ and Sahana at 6½ m.
		KHATAULI . . . 11,870 sq. yds. p-o. t-s. r-s.	10½	19½	
		MUZAFFARNAGAR . . . 166,890 sq. yds. p-o. t-s. r-s. b.	14	33½	

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCES		REMARKS.
Military	Civil		Miles.	Total	
G. C. Sitchal District, Umballa	Deputy Comm. station of Umballa, Umballa.	JAGADHRI .	14½	9½	See Route 459
		CHAPPAR . 400 × 400 yds. p-o b	7½	102	A village, supplies on notice, abundant good water from a well on C-G, latter N of road and 4 m N-W of village, country level, open and cultivated, road unmetalled possible for all arms, but difficult for carts in wet weather; two unbridged nullahs (the Rakel and Chitang) are crossed en route, both impassable after heavy rain. There is an unmetalled road from Chappar to Umballa, which makes the following stages:— Mulana 8 m Umballa 13½ "
		ADHOA . 375 × 300 yds. p-o	9½	111½	The road is unmetalled and very heavy in places, but possible for all arms in dry weather
		SHAKABAD .	10½	122	A village, supplies on notice; plentiful good water from 2 wells on C-G, which is 600 yds N-W of village, country as in last stage, road unmetalled, but bridged throughout, the Surati stream is crossed soon after starting
		UMBALLA	18½	186½	Country and road as before; at Shikabad the Grand Trunk Road is joined. See Route 200
		Total marches, 12 = 183½ m			

Route No. 461.
FROM MIDNAPORE TO BALASORE.
via JALESHWAR

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCES		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Presidency District, Fort William	Collector of Midnapore, Midnapore	KHARAGPUR	5½	5½	A small village, supplies on notice, plentiful good water from tanks and wells close to road and C-G, extensive site for which is on waste land, on both sides of road, country flat and well cultivated, road metalled, bridged, and fit for artillery, cross the Kosai on starting, by ford in dry weather, by ferry (2 boats, each carrying 50 men) in the rains.
		MAKHAMPUR . 80,000 sq yds.	9½	15½	A small bazar, supplies on notice, plentiful, but indifferent water from tanks on roadside, C-G in fields on both sides of road, country and road as above; pass Malraoba at 7½ m
		BEIDA . 80,000 sq yds.	10	25½	A small village; supplies on notice; very indifferent water from tanks near road, in fields on E side of which is site for C-G; country and road as above; pass near Naryangarh, a large village with p-o, at 5 m.
		DANTAN . p-o b	10½	36½	A village and police stn, supplies on notice; plentiful but very indifferent water from a tank on C-G, small site for which is on S side of bazar, country and road as above, pass Kalmagar at 4 and Bulda at 7½ m
		JALESHWAR . p-o t-o b	12½	49½	A large village with police stn and weekly market; supplies on notice, plentiful good water from tanks and wells about 400 yds S-W of C-G, extensive site for which is in rice fields (under water in rains) 70 yds E of village; country level and cultivated, but subject to floods; road as above, pass Ganskhana at 5 m
	Collector of Balasore, Balasore	GORIKHAL .	5½	55	A village, supplies on notice, plentiful good water, extensive site for C-G in fields 100 yds E of bazar, country and road as above, cross the Subaurika (½ m wide) at 1 m, by ford in dry season, by ferry (2 large and 2 small boats) in the rains
		BASTALIA . 150 × 80 yds	6	60	A village; supplies on notice, good water from a stream, 250 yds S. of which and about 4 m S-E of village, is site for C-G, country and road as above, cross the Gorikhal on starting, by a suspension bridge
		HALDIPARA	6	66	A small village, supplies on notice, plentiful good water from a tank 130 yds S-E of C-G, extensive site for which is 600 yds N-E of bazar, country and road as above
		BALASORE . 350 × 200 yds. p-o, t-o b	11	77	A town and old cantonment, supplies on notice; plentiful good water from numerous wells within 400 yds of C-G, which is on the old parade ground S-E of town, country as above, road metalled and suitable for all arms, cross the Buralahang at 7 m., by ford in dry season, by ferry (1 large and 2 small boats) in the rains.
		Total marches, 9 = 70 m			

Route No. 462.
FROM MIDNAPORE TO CHAIBASSA.
via DAHURUM NARSINGAR AND GHATSLA

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCES		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Presidency District, Fort William	Collector of Midnapore, Midnapore.	DHANGAMORA . 14 620 sq yds	7½	7½	A small village, supplies on notice, good water from the Kosai R. on waste land ½ m N of which, and near village is site for C-G, country level and cultivated with patches of jungle; road 18 ft. wide metalled and bridged
		DHAUDRA . 14 020 sq yds. b.	5½	12½	A village, supplies on notice, indifferent water for a bath, from tanks and wells in compound of b; site for C-G on roadside about ½ m beyond the village, country undulating and cultivated, road as above

AUTHORITY.		Names of villages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Midnapore, Midnapore.	BOITA . . . 14,520 sq. yds.	6½	19	A village; supplies on notice; good water from the Kossai R. on bank of which, 200 yds. E. of village, is site for C-G.; country flat and cultivated; road as before; cross the Kossai at 4½ m., by ford in dry season, by ferry (3 boats, each carrying 50 men) in the rains.
		DAHJURI . . . 14,520 sq. yds. p-o.	4½	23½	A large village; supplies on notice; plentiful good water from tanks on S. side of bazar and wells in village, S. of which, and on both sides of road, is site for C-G.; country and road as before.
		PURIKHATI . . . 14,520 sq. yds. b.	0½	33	A village; supplies on notice; good water from a well in b. compound, and from tanks ½ m. S-W. of village, on waste land 180 yds. W. of which is site for C-G.; country undulating, jungle and cultivation; road as above.
		CHAKULIA . . . 250 x 200 yds. r-s.	11	44	A large village; supplies on notice; plentiful good water from wells and tanks 250 yds. W. of C-G., which is 170 yds. N. of village; country open with rice cultivation; road, 16 ft. wide, neither metalled nor bridged, and unsuitable for artillery; cross the Dolang and the Kapsa en route, by ford, no ferries.
	Deputy Commissioner of Singhbhum, Chhatra.	NARSINGAR . . . 200 x 200 yds. p-o. r-s.	13	57	A large village; supplies on notice; plentiful good water from a tank, and a well 180 yds. W. of C-G., which is 70 yds. E. of village; country and road as above; nullahs generally fordable.
		GHAITSILA . . . 350 x 200 yds. p-o. r-s.	0	63	A large village; supplies on notice; good water from the Subanrika, S. of the village, 300 yds. N-W. of which is site for C-G.; country, road and nullahs as in last stage; cross the Kharanti at 8 m., by ford in dry weather, by ferry (1 boat) in the rains.
		CHANDERKHA . . . 200 x 100 yds.	9	72	A small village near the Subanrika; supplies on notice; good water from the river 600 yds. E. of which is site for C-G.; country, road and nullahs as above.
		HANGO . . . 400 x 200 yds.	7	79	A small village; supplies on notice; good water from a stream 200 yds. S-W. of C-G., which is 500 yds. S. of village; country hilly; road and nullahs as before; cross the Subanrika soon after starting, by ford (near ry. bridge) in dry weather, by ferry (1 dug-out) in the rains, and a small range of hills by the Kaporgadi pass towards end of stage.
		JURI . . . 250 x 200 yds.	7	86	A small village; supplies on notice; plentiful good water from streams and tanks 300 yds. S. of C-G., which is 250 yds. E. of village; country, road and nullahs as before; cross the Garum (fordable except after heavy rain) at 3 m., ferry, 1 boat.
		GORNIDPUR . . . 400 x 200 yds.	7	93	A village; supplies plentiful; abundant good water from streams S-W. of, and tanks 100 yds. N. of, C-G., which is 180 yds. N. of village; country and nullahs as above; road 20 ft. wide, unmetalled, but fit for all arms.
		BURHI . . . 700 x 200 yds.	7	100	A small village; supplies on notice; plentiful good water from a stream and tank 300 yds. S. of C-G., which is 300 yds. S. of village; country, road and nullahs as above.
		CHAI BASSA . . .	12	112	See Route 232.
		Total marches, 14 = 112 m.			Country, under nullahs, or before, cross the Kharanti (fordable except after heavy rain) at about 8 m.

Route No. 462(a).
FROM MIDNAPORE TO CHAI BASSA.
via CHICHRA AND NARSINGAR.

AUTHORITY.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Midnapore, Midnapore.	AMDOI . . . 14,520 sq. yds.	0½	6½	NOTE.—Supplies are not so plentiful on this route as on No. 462.
		CHARDA . . . 14,520 sq. yds.	0½	12½	A village; supplies on notice; good water from the Kossai R., ¼ m. from which, on cultivated land W. of village, is site for C-G.; country level and cultivated; road 16 ft. wide, metalled and bridged, except over the Kossai, crossed at end of stage, by ford in dry weather, by ferry (3 boats, each carrying 50 men) in the rains.
		LODASOLE . . . 14,520 sq. yds. b.	7½	20	A small village; supplies scarce; good water, for a bottle, from wells in b. compound, and fair water from a tank 600 yds. from C-G., site for which is in fields ½ m. W. of village, on S. side of road; country undulating and hilly; road as above. From Lodasole a road branches off S-W. to Mahapal on the Subanrika, distant ½ m.
		AIKTAL . . . 14,520 sq. yds.	7	27	A small village; supplies scarce; good water from wells and tanks ½ m. E. of C-G., site for which is in fields near village, and a mile E. of the Dolang Nadi, where good water may be obtained; country and road as above; cross one unbridged nullah, en route, always fordable except for a few hours in heavy floods.
		CHICHRA . . . 14,520 sq. yds.	6	33	A village; supplies on notice; good water from wells, and fair water from tanks within ½ m. of C-G., site for which is on both sides of road near Darsoi village; country level and cultivated; road as above, except at the Dolang, crossed at 1 m., by ford in dry season, by ferry (1 boat carrying 50 men) in the rains.
		MANOSMANDIA . . . 440 x 440 yds.	6	39	A small village; supplies on notice; plentiful good water from a large tank on N. edge of C-G., site for which is W. of and close to village; country as above; road, 14 ft. wide, unmetalled, but gravelled and good.
		NARSINGAR . . .	10	58	Country and road as in last stage; streams fordable in dry season, small ferries in the rains, and nullahs only impassable when in flood.
G. O. C. Presidency District, Fort William.	Collector of Singhbhum, Chhatra.	GHAITSILA . . .	6	64	See Route 462.

AUTHORITIES.		Number of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Singhbhum, Chaitassa.	CHANDEREKHA .	9	78	See Route 462
		BANGO .	7	80	
		JURI . .	7	87	
		GOBINDPUR .	7	94	
		BURHI . . .	7	101	
		CHAIASSA . .	12	118	For other remarks see Route 211.
		Total marches, 14 = 118 m.			

Route No. 463.
FROM MIDNAPORE TO SAMBALPUR as far as DHOUBIDIHI (for remainder
see Bombay Route Book No. 264).
via OHICHRA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William.	Dr. Commr. Collector of Midnapore, Chittagong.	AMDOI .	6½	6½	See Route 462 (a).
		GHARDA .	6½	12½	
		LODASOLE .	7½	20	
		AIKTAL .	7	27	
		OHICHRA .	9	39	
	Superintendent of Tributary Taluhs, Cuttack.	KAMARARA 700 x 500 yds.	12½	45½	A village near left bank of the Sabarika; supplies on notice; good water from the river; C.G. 170 yds. S. of village; country level, open jungle; road 20 ft. wide, neither metalled nor bridged and unsuitable for artillery; pass Bhairagora at 9½ m.
		PAHARPUR . 200 x 200 yds	6½	59	A village; supplies on notice; indifferent and limited water from 2 wells in Gopinathpur village, ½ m. S. of which is site for C-G.; country and road as above; cross the Sabarika on starting, by ford in dry season, by ferry (6 small boats) in rains.
		MAUBANDA 200 x 200 yds	14	66	A small village; no supplies; indifferent and very limited water from the beds of nullahs S-W. of C-G., site for which is in fields close to village; road, a narrow track, impracticable for carts, ascending by a very steep gradient to the top of the Bisul Ghat, crossed about half-way.
		NAOGAON 200 x 200 yds.	13	78	A small village; no supplies; indifferent and limited water from a nullah near C-G., site for which is S. of and close to village; country as above; road metalled and good; pass Ujjanbilla at 6 and cross the Kodak (always fordable) at 9 m; all nullahs ramped.
		DHOUBUDIHI	12	90	A small village; abundant good water from the Koirabondana R. (branch off), ½ m. N-W. of which is site for C-G.; country as above; road good and easy; cross the Koirabondana, at 9 m., by ford in dry season, by ferry in rains; nullahs fordable.
		Total marches, 10 = 90 m.			

Route No. 464.
FROM MIRZAPUR TO JAUNPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Mirzapur, Mirzapur.	KARGHAT .	4	4	See Route 24.
		DHADOHI 250 x 150 yds. 280 x 150 yds. p-o.	17½	21½	A small town; supplies abundant; plentiful good water from wells in, and (for animals) from a tank near the 2 mango groves, close to Marjapati, in which are sites for C-G.; country level and cultivated; road raised, metalled and bridged; pass Channalak at 4½, Auni on the Grand Trunk Road at 8, Lilledharpur at 12½ and Pura at 14 m.
		RAMPUR . p-o.	6½	27½	A four-sided village, supplies procurable; plentiful good water from a well, and (for animals) from a tank near, C-G., small site for which is about ½ m. N-W. of village; country and road as above; cross the Burne Nadi at ½ m., by ford in dry season, by ferry (1 boat carrying 40 men) in the rains.
		MARIAHU 83,810 sq. yds. p-o.	9	36½	A small town, supplies on notice; abundant good water from 2 masonry wells on, and (for animals) from a tank near, C-G., which is W. of road and ½ m. N. of village; country and road as above; pass Bhagwasagar at 8, cross the Bisul nullah at 6½ and pass Seera at 7 m.
		JAUNPUR .	11	47½	See Route 32.
		Total marches, 5 = 47½ m.			Country and road as above; pass Pali at 4, cross the Sai at 6½, by a pile bridge in the cold season, by ferry (2 boats, each carrying 60 men, others on notice) in the rains, and pass Habsagar at 6½ m.

FROM MIRZAPUR TO JUBBULPORE.

via LALGANJ, THE KATRA PASS, AND MAIHAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.		
Military.	Civil.		Miles.	Total.			
G. O. C. Allahabad District, Allahabad.	Collector of Mirzapur, Mirzapur.	BHAGWAN TALAO 125,000 sq. yds. b.	13	13	A small village; supplies on notice; plentiful good water from a well on, and a tank W. of, C-G., which is on N-W. side of village; country partially cultivated; road raised, metalled and bridged; pass through the town of Mirzapur, then cross the ry. pass Itwa at 7, cross the Barrai stream and pass the village of the same name at 8 m., after which ascend the Tara Ghat to a table-land 360 ft. above the surrounding country.		
		LALGANJ . .	8	21		Country fairly level and partly cultivated; road as above; pass Tansi at 3 m. From Lalganj a road runs to Allahabad, distant 62½ m.	
		BARRAUNDA . .	7½	28½			See Route 33(a).
		DRUMMONDGANJ (KATRA PASS.)	7½	36			
		HANUMANA . .	11	47			
G. O. C. Nerbudda District, Jubbulpore.	Pol. Agt., Rewah, Rewah.	MAUGANJ . .	15	62	For other remarks see Route No. 33.		
		LOUR . .	12	74			
		MANGAWAN . .	10	84			
		RAIPUR . .	7½	91½			
		REWAH . .	10½	102½			
G. O. C. Bundelkhand District, Agra.	Pol. Agt., Tagdiel, Bundel, Sultan.	KATRA MOHARI .	13½	116½	See Route 18		
		AMARPATAN . .	14	129½			
		MAIHAR . .	14½	143½			
		GUNWARA . .	12½	156½			
		SUBHANGANJ .	12½	169½			
G. O. C. Nerbudda District, Jubbulpore.	Deputy Commissioner of Jubbulpore, Jubbulpore.	KYLWARA . .	9	177½			
		MURWARA . .	7½	185			
		PIPRODE . .	8	193			
		SLIMANABAD .	6½	201½			
		SIHORA . .	13½	216½			
		GHOSULPUR . .	8	223½			
		PANAGAR . .	9	232½			
		JUBBULPORE .	9	241½			
Total marches, 23=							
241½ m.							

Route No. 466.

FROM MOKOKCHUNG TO GELAKHEY.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner, Naga Hill District, Kohima.	MONGSENI b.	16	16	A village and military police outpost, elevation 4,400 ft.; supplies scanty; indifferent water (very limited in dry season) from a small spring close to post, round which is an open site for C-G.; country mountainous with cultivation and tree forests on slopes; road, a 5-ft. unmetalled bridle-path, ascending and descending alternately, ruling gradient 1 in 10; there is an extensive site for encampment on rolling grass land in the 12th mile, where a good stream of water runs.
		SANTONG b.	13	29	

AUTHORITY		Name of stage and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Assam District, Shillong	By Comander of Shabgar Naga Hills Dist., Kohima.	NERANGKUNG b	8	80	A village, elevation 3,085 ft., supplies scanty; good water (very limited in dry season) from a small tank and spring close to b, round which is small site for C-G, country, road and ruling gradient as above; pass Lorian at 4 m
		TANLU b	8	44	A village and military police post, elevation 3,030 ft., supplies scanty, good water (very li a tel in dry season) from a small tank and from springs some distance down the hill, site for C-G, for a batto, on cleared land round stockade, country, road and ruling gradient as above, pass a good site for encampment at 6 m near New Kachang
		GELAKKEY	16½	60½	See Route 286. Country as above until the plains are reached at 10 m, thence jungle, but cultivated near Gelakkey, road and ruling gradient as above but former level towards end of stage, pass Anaki (b) at 8 m, then descend to the plains.
		Total marches, 5 = 60½ m.			

Route No. 467.

FROM MOKOKOHUNG TO MORIANI.

AUTHORITY		Name of stage and site of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam District, Shillong	By Comander of Shabgar Naga Hills Dist., Kohima.	OHOLENSEN b	20	20	Note—In case of a large force moving along this route suitable sites for encampment will be found in the 13th, 26th, 36th, and 44th miles. A village supplies scanty, good water, but very limited in dry season from springs below village; site for C-G for ½ batto close to b; country hilly and chiefly jungle, road an unmetalled but bridged 7-ft. bridle path, ascending and descending all the way, ruling gradient 1 in 10, pass Khenza at 3 and Ahler at 8 m
		LAKHU b	18	38	A village, supplies as before; good water, but limited in dry season, from a spring below b, on open grass land near which is extensive site for C-G country, road and ruling gradient as above.
		OHABALI b	16	48	A village in the plains; supplies procurable, good water, for a batto, from a well in, and a tank near, b compound close to which is open site for C-G, country and road as above until the plains are reached at about 4 m, thence the road runs over low lying spurs at first afterwards through open cultivated land, crossing several bridged streams en route
		MORIANI	7	56	See Route 286 Country level and mostly under tea and rice cultivation, road unmetalled general width 20 ft., and partially bridged, cross the Dorei E at end of stage
		Total marches, 4 = 65 m			

Route No. 468.

FROM MOKOKOHUNG TO WOKKA.

AUTHORITY		Name of stage and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Assam District, Shillong	By Comander of Naga Hills District, Kohima.	NANKAM b	11½	11½	A large village, supplies on notice plentiful good water from a large spring close to a barrack near which is spacious site for C-G, but it must be cleared, country hilly and much cultivated, road a 6-ft. bridle path, metalled and in good order ruling gradient 1 in 10, at 1½ m a bridle-path diverges E to the large village of Longa distant 11 m, pass Angma at 3 m
		NUNGTAH b	8	19½	A small village, supplies for a small party only; plentiful good water from two springs; on a small barrack; site for C-G, which must be cleared close to b, country and road as above, but latter descends very steeply for first 2 m; pass Mangrang at 6 m
		KOYO b	10½	30	A village, supply as limited, good water, for a batto, from a spring near a small barrack, land round which if cleared can be used for C-G country and road as above, descend gently to the Dolang R at 3½ m, crossing by a light iron bridge suitable for laden animals but unsuitable for wheeled traffic, river unfordable from July to November and always subject to heavy freshets; for the next 7 m the gradient is about 1 in 6 and continues so up to Koyo village
		WOKKA	8	38	See Route 288 Country to S. covered with heavy forests, to N., as before, road as above, but gradients easy
		Total marches, 4 = 38 m			

FROM MONGHYR TO BIRPUR, on the Nepal Frontier.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	KHAGARIA . p.o.	11	11	A village; supplies on notice; good water, for a battn., from a well close to C-G, site for which is in a small mango grove $\frac{1}{2}$ m. E. of bazar and $\frac{1}{2}$ m. N. of the Bur Gandak, where animals might be watered; country low and subject to inundation; road unmetalled, but level and suitable for all arms; cross the Ganges soon after starting, and the Bur Gandak at end of stage, by ferry.
		MATIHANI . 35,000 sq. yds.	8	19	A village; supplies on notice; fair water from the Kamla R.; C-G. on N. side of village; country cultivated and jungly; road, 12 ft. wide, unmetalled and unfit for artillery; cross the Kamla at 6 m., by ferry, 2 boats, each carrying 100 mds.
		BAKHTIARPUR . 15,000 sq. yds. p.o. h.	10	29	A village; supplies on notice; fair water, for a battn., from a well in b. compound, on W. edge of C-G, site for which is in a mango grove on E. border of village; country and road as above.
		BULHAR . 13,500 sq. yds.	10	39	A village; supplies on notice; fair but limited water from a well 300 yds. S. of C-G, which is in a mango grove $\frac{1}{2}$ m. W. of village; country and road as above.
		SEHOL . 13,800 sq. yds.	9	48	A village; supplies must be collected; good but limited water from a well on C-G, site for which is in a grove on S. edge of village; country cultivated, flat and open; road, 20 ft. wide, unmetalled, but fit for all arms; nullahs strongly bridged.
		PARSARMA . 15,200 sq. yds.	7	55	A village; supplies on notice; good but limited water from a well in b. compound 100 yds. W. of C-G, which is in a mango grove on E. edge of village; country, road and nullahs as above.
		SUPAUL .	8	63	See Route 178. Country, road and nullahs as before.
		PIPIRA-BAZAR .	13	76	See Route 183. For other remarks see Route 277.
		PARTABGANJ .	15	91	
		BALUA .	9	100	See Route 177.
		BIRPUR .	8 $\frac{1}{2}$	108 $\frac{1}{2}$	
		Total marches, 11 = 108 $\frac{1}{2}$ m.			

Route No. 470.

FROM MONGHYR TO DARBHANGA.

via ROSERHA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Monghyr, Monghyr.	BALLIA . 795 x 450 yds. p.o.	10	10	A village; supplies on notice; good water from wells all round C-G, which is N. of road; country level and open; road unmetalled, but fair; cross the Ganges at Rajghat, on starting, by a steam ferry and 12 country boats carrying 20 men each.
		SISAUNI . 450 x 230 yds.	8	18	A bazar and indigo factory; supplies on notice; good water from wells and the Bur Gandak, close to which is C-G; country low and subject to inundation; road unmetalled, but fairly good in dry season; cross the Bur Gandak, towards end of stage, by ferry, 1 boat carrying 60 men.
		MAJHAUL . 600 x 450 yds.	12	30	A bazar and indigo factory; supplies on notice; good water from wells in vicinity of C-G, which is close to the factory; country and road as above; nullah strongly bridged.
		BARIAKPUR . 450 x 350 yds.	12	42	A bazar near the Bur Gandak; supplies on notice; good water from wells in vicinity of C-G, which is near bazar; country and road as above.
		ROSERHA . p.o. t.s.	5	47	A large town; supplies abundant; plentiful good water from wells and tanks in vicinity of C-G, a good spacious site for which is 500 yds. E. of town; country and road as above. From Roserha a road runs S.W. to Daleinghi-Sarni, 12 m., on Route 470(a).
		HATHAURI . 150 x 90 yds.	14	61	A village and indigo factory; supplies on notice; good but limited water from a well 30 yds. S-W. of C-G, site for which is 200 yds. E. of village; country and road as above; pass Gahur at 12 m.
		UNAR . 120 x 100 yds.	8	69	A small village; supplies on notice; good but limited water from 2 wells 30 yds. N. of C-G, site for which is in a grove at trees 1 m. S. of Unar indigo factory; country and road as above.
		DARBHANGA .	10	79	See Route 216. Country and road as above. There are two other roads from Roserha to Darbhanga, one via Madhubani and the other via Nagabasti.
		Total marches, 8 = 79 m.			

Route No. 470(a).
FROM MONGHYR TO DARBHANGA.
 via DALSINGH-SARAI.

AUTHORITY.		Names of stages and also of encamping grounds.	DISTANCES.		REMARKS.
Military	Civil.		Miles.	Total.	
G.O.C. Presidency District, Fort William.	Collector of Monghyr.	BALLIA	10	10	See Route 470.
		BEGU-SARAI p-o. r-o.	12	22	A town; supplies procurable; good water from wells in vicinity of town, in fields near which is extensive site for O-G.; country partially cultivated; road as above.
		TEGBA p-o. r-o.	14	36	A large village; supplies on notice; good but limited water from wells; extensive site for O-G. in fields near village; country and road as above; pass Gudha at 7 m. There is another road from Begu-Sarai to Tegra, running close to the Ganges, passing Baranai r-o. at 10 m.
G. O. C. Allahabad District, Allahabad.	Collector of East Tibboot, Darbhanga.	DALSINGH-SARAI 120 x 100 yds. p-o r-o.	15	51	A town near the Balan Nadi; supplies abundant; plentiful good water from 3 wells within 300 yds. of O-G., site for which is in a grove 1 m. W. of dam and on bank of the nadi, where animals might be watered; country as above, road unmetalled, but raised and bridged; cross the Balan at end of stage.
		NAGARBASTI 140 x 100 yds. p-o.	14	65	A village; supplies on notice; good water, for a bath, from 3 wells near O-G., site for which is adjoining village and about 500 yds. N. of the Bar Gaudak, where animals might be watered; country and road as above; cross the Bar Gaudak at end of stage, by ferry, 1 boat (others on notice).
		BILASPUR 100 x 100 yds.	12	77	A small village; supplies on notice; good water, for a bath, from 3 wells within 100 yds. of, and (for animals) from a tank adjoining, C-G., site for which is in a grove of trees in centre of village; country and road as above; cross the Bagmati at end of stage; boats procurable on notice.
		DARBHANGA	11	88	See Route 216. Country and road as above, but last 4 m. of latter raised, metalled and bridged; cross the Karai soon after starting, by ferry, boats obtainable on notice.
		Total marches, 7 = 88 m.			

Route No. 471.
FROM MONGHYR TO GAYA.
 via SURAJGARH, AND WAZIRGANJ.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	BAHAWA . .	11	11	For other remarks see Route 218 See Route 214.
		SURAJGARH .	9	20	
		LAKHISARAI .	10	30	A village; supplies on notice; good but limited water from wells; extensive site for C.G. in fields near village; country open and cultivated, but low and subject to floods; road unmetalled, but fair in dry weather; nullahs strongly bridged; cross the Sonu Nadi en route, by ford in dry season, by ferry (1 boat carrying 25 men) in the rains.
		SHAIKHUPURA p-o. l-o.	15	45	
G. O. C. Allahabad District, Allahabad.	Collector of Gaya, Gaya.	WARISALIGANJ b.	16	61	A village; supplies on notice; good water, for 2 bottles, from a well in b. compound, in a small mango grove near which and 1 m.S. of village is site for C.G.; country level, open and fairly cultivated; road neither metalled nor bridged, cross the Rutoya soon after starting, and the Tuli at 10 m., by ford except after heavy rain, a small boat at each stream.
		NAWADAH . .	12	73	Country as above; road as before as far as the Bakri (a small boat here), crossed at 7½ m., by ford, except after heavy rain, thence bridged.
		HASWA . .	9	82	
		WAZIRGANJ .	12	94	See Route 113.
		BODHGERA .	11	105	For other remarks see Route 54
		GAYA . .	7	112	
		Total marches, 10 = 112 m.			

Route No. 472.
FROM MONGHYR TO HAZARIBAGH.
 via CHAKAI, KHARAGDIHA, GIRIDIH AND BAGODAR.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCES.		REMARKS.
Military	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr.	HAIBATGANJ .	12	12	A village; supplies on notice; good water from wells in and near village; C-G. in fields, extent unlimited; country well cultivated; road unmetalled, but strongly bridged and fit for all seasons.
		ALINAGAR .	8	20	A village; supplies on notice; good water from wells in a near village, in fields in vicinity of which is extensive site for C-G.; country and road as above.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	BALARAMPUR 600 x 600 yds.	12	32	A small village; supplies on notice; good water from a well, and from the Kial stream, about $\frac{1}{2}$ m. from which, and on left of road, is C-G.; country and road as above; cross the Kial en route, fordable in dry season.
		JAMUI p-o. t-s. r-s.	12	44	
		MANGUBANDA 230 x 60 yds.	9	53	A large village; supplies on notice; good water from the Barua Nadi, on bank of which is site for C-G.; country and road as above; cross the Kial (fordable except after heavy rain) at about 4 m.
		BETTA . . .	12	65	
		CHAKAI . . .	10	75	Country, road and streams as in last stage. See Route 113.
		CHUTRO . . .	11	86	
	Deputy Commissioner of Hazaribagh, Hazaribagh.	KHARAGDIHA	6 $\frac{1}{2}$	92 $\frac{1}{2}$	See Route 114.
		CHAKGARHA	12	104 $\frac{1}{2}$	
		GIRIDIH	14	118 $\frac{1}{2}$	See Route 114(a).
		PIRTAND . . .	14 $\frac{1}{2}$	132 $\frac{1}{2}$	
		DUMRI . . .	12 $\frac{1}{2}$	145	For other remarks see Route 114 (a). See Route 266.
		NAGODAR . . .	11 $\frac{1}{2}$	156 $\frac{1}{2}$	
		DHELWARA . . .	9 $\frac{1}{2}$	166 $\frac{1}{2}$	See Route 114(a).
		HURLI . . .	11	177 $\frac{1}{2}$	
		HAZARIBAGH . . .	11 $\frac{1}{2}$	189 $\frac{1}{2}$	For other remarks see Route 114.
		Total marches, 17 = 189 $\frac{1}{2}$ m.			

Route No. 473.
FROM MONGHYR TO MADHUBANI.
via ROSERHA AND BAHERA.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	BALLIA . . .	10	10	See Route 470.
		SISAUNI . . .	8	18	
		MAJHOUL . . .	12	30	
		BARANPUR . . .	12	42	
		ROSERHA . . .	6	47	
		GAIRAH . . .	10	57	
	Collector of East Tirhoot, Darbhanga.	KARAI 120 x 80 yds.	6	63	A small village; supplies on notice; good water from the Karai; site for C-G. in a grove $\frac{1}{2}$ m. W. of village; country and road as above; cross the Karai at end of stage, by ferry, 1 boat carrying 50 men.
		BAHERA 120 x 160 yds. p-o.	10	73	
		PANDAUL . . . p-o. t-s.	12	85	A large indigo factory and bazar; supplies on notice; water from a well, and (for animals) from a tank S. of and near C-G., site for which is in a small grove $\frac{1}{2}$ m. N-E. of factory; country and road as above.
		MADHUBANI 200 x 130 yds. p-o. t-s.	8	93	
G. O. C. Allahabad District, Allahabad.	Collector of East Tirhoot, Darbhanga.	Total marches, 10 = 93 m.			

Route No. 474.
FROM MONGHYR TO MUZAFFARPUR.
and DALSINGH SARAI.

ACTIVITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total.	
G O C Percy Inst., Fort William	Collector of Revenue, Monghyr	BALLIA	10	10	See Route 470.
		BEGU-SARAI	12	22	See Route 470(a)
		TEGRA	11	33	
		DALSINGH-SARAI	16	49	
		TAJPUR 180 x 100 yds p-o.	16	65	A village, supplies on notice; good water, for a batta from 3 wells, and (for animals) from a tank in vicinity of G-G site for which is at N E corner of village, country and road as in last stage, nullahs bridged
G O C. Allahabad District	Collector of Revenue, Muzaffarpur	MUHAMMADPUR 160 x 80 yds	14½	81½	A village; supplies on notice, good water from the Bur Gandak and from a well E of C-G site for which is ½ m E. of village; country level open and well cultivated, road good, bridged and partly metalled
		MUZAFFARPUR	11	92½	See Route 187 Country and road as above
		Total marches 7 = 22½ m.			

Route No. 475.
FROM MONGHYR TO PURULIA.
and CHAKAI SERAMPUR AND GOBINDPUR

ACTIVITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total.	
G O C Presidency District Fort William	Collector of Monghyr	HAIBATGANJ	12	12	See Route 472.
		ALINAGAR	8	20	
		BALARAMPUR	12	32	
		JAMUI	12	44	
		MANGUBANDA	9	53	
	Deputy Commissioner of Hazaribagh	BETTA	12	65	For other remarks see Route 112.
		CHAKAI	10	75	
		KHURCHUTA	14	89	
		SUGGASAR	10	99	
		SFRAMPUR	12	111	
	Sub-Deputy Commissioner of Gobindpur	TUNDI 80 000 sq yds p-o.	12	123	A large village, supplies on notice; plentiful good water from tanks and wells round C-G small site for which is near village, country hilly and covered with jungle; road as in last stage, gradual easy, pass Giridih r-o at 7 m
		GOBINDPUR	12	135	
		BAIHPUR p-o	8	143	
		CHILLIAMA 20,000 sq yds	8	151	
		DUBRA b	6	157	
	Deputy Commissioner of Manbhum, Purulia	KATRA 20,000 sq yds	11	168	A small village, supplies on notice, good water from tanks ½ m N and N W of C-G site for which is on high land on S border of village, near a r-o; country as above, road, 24 ft. wide metalled and bridged pass Para (p-o) at 2½ cross the Hat Nadi at 4½ m, and pass Jhaptia immediately afterwards
		PURULIA	9	177	
		Total marches, 17 = 177 m			

Route No. 476.
FROM MONTGOMERY TO JHANG.
via HARAPPA.

287

ADMINISTR.		Name of stage or place of crossing ground.	DISTANCE.		REMARKS.
Mile (approx.)	Order		Miles.	Total.	
G. O. C. Lahore District, Montgomery.	By Commr. of Montgomery.	HARAPPA . . .	16	16	See Route 258. Country covered with jungle; road unmetalled, but good and practicable for carts. Country only very partially cultivated; road as before, but nullahs bridged; cross the Ravi at 8 m. by ferry.
		KAMALIA . . .	15	30	
		RAWANA . . .	11	41	
		TORA TEK SINGH . . .	10	51	See Route 313.
		ROHANWALI . . .	11	62	
G. O. C. Rawal Pindi District, Jhang.	By Commr. of Jhang.	JHANG . . .	14	76	For all remarks see Route 253.
		Total marches, 6 = 76 m.			

Route No. 476(a).
FROM MONTGOMERY TO JHANG.
via GUGERA.

ADMINISTR.		Name of stage or place of crossing ground.	DISTANCE.		REMARKS.
Mile (approx.)	Order		Miles.	Total.	
G. O. C. Lahore District, Montgomery.	By Commr. of Montgomery.	KAUHA SHAH . . .	10	10	See Route 257.
		AKBAR . . .	10	20	
		GUGERA . . .	6	26	
		HALAK . . . 200 x 150 yds.	7	33	A village; supplies on notice; plentiful good water from wells close to C.G., which is near village; country barren; road unmetalled, but bridged and suitable for all arms; cross the Ravi by ferry at 4½ m.
		SAMUNDRI . . . 200 x 200 yds.	12½	45½	
G. O. C. Rawal Pindi District, Jhang.	By Commr. of Jhang.	GHARMI . . . 200 x 200 yds.	17½	63	A very small hamlet; supplies scarce; good water from a canal, 160 yds. from which is C.G.; country as in road as before.
		BIHURALA . . . 200 x 200 yds.	9	72	
		JHANG . . .	12½	84½	A small village; supplies scarce; good water from the canal, 60 yds. from which is C.G.; country and road as before, but heavy and sandy.
		Total marches, 6 = 84½ m.			

Route No. 477.
FROM MOOLTAN TO AHMADPUR.

ADMINISTR.		Name of stage or place of crossing ground.	DISTANCE.		REMARKS.
Mile (approx.)	Order		Miles.	Total.	
G. O. C. Lahore District, Montgomery.	By Commr. of Montgomery.	ADHI BAGR . . . 11½ x 11½ yds.	12	12	A village about 6 m. E. of the Cherrah; supplies on notice; abundant good water from wells; good site for C.G. E. of road; country well cultivated; road unmetalled, but in good condition; nullahs bridged.
		SHUJARAB . . . 12½ x 11½ yds.	11½	23½	
		GAWEN . . .	13	36½	A small town; supplies on notice; abundant good water from wells; good site for C.G. W. of road and E. of town; country and road as above. From Shujabad a road branches off 8½ m. to Ledhran, distant about 32 m.
		JALALPUR . . .	15	51½	
G. O. C. Lahore District, Montgomery.	By Commr. of Montgomery.	PAHLADPUR GHAT . . .	4½	56½	A village; supplies on notice; abundant good water from wells; limited site for C.G. on W. of road and 1½ m. before reaching village; country jungle with very little cultivation; road as above.
		PAHLADPUR GHAT . . .	4½	56½	
		MAHKANI BASTI . . . 3½ x 250 yds.	10	66½	A small town; supplies abundant; plentiful good water from wells close to C.G., limited site for which is W. of road; country covered with jungle and sometimes liable to inundation; road as above. From Jalalpur a road branches off E. to Ledhran (on Route 476), distant 27 m.
G. O. C. Lahore District, Montgomery.	By Commr. of Montgomery.	AHMADPUR . . .	11	77½	
		Total marches, 7 = 77½ m.			See Route 522. Country cultivated; road as above.

Route No. 478.

FROM MOOLTAN TO BAHAWALPUR

via LODHRAN

Activities.		Names of stages and size of encamping grounds	Distances.		Remarks.
Military	Civil		Miles.	Total.	
Bahawalpur Territory	G O C Lahore District, Meera Meer	LAR 19,830 sq yds	12½	12½	A small village; supplies on notice plentiful water from wells near C.G., site for which is E. of road, country generally jungle, with cultivation near village, road unmetalled but in good condition, pass Gopalpur at 6 m
		EASTI MALUK 50,630 sq yds p. a. b.	11	23½	A small village, supplies on notice, plentiful good water from wells; C-G E of road, country and road as above, pass Kadarpur at 6 m
		ALI ASSAR 43,880 sq yds	12½	36	A village supplies on notice, good water from a well in village 30 yds from which, and E of road, is C-G, country and road as above but latter heavy for the last 2 m., cross the old bed of the Beas en route; during the rains it is sometimes necessary to make a slight detour to cross this
		LODHRAN 14,870 sq yds p. a. r. s.	10½	46½	A small town, supplies plentiful, abundant good water from wells near C-G, site for which is E of road; country partially cultivated near the road elsewhere jungle, road heavy in places, but practicable for carts, pass Sumra at 6 m. From Lodhran, roads branch off, E. to Lahore, (p. a. b.), distant about 18 m., and W to Jalalpur (on Route 477) distant 27 m
		ADAMWARAN 16,890 sq yds p. a. r. s.	4½	51	A small village near right bank of the Satlej, supplies must be collected, abundant but indifferent water from a well, site for C-G E of road; country covered with jungle, road as in last stage
		BAHAWALPUR	6	57	A small village near right bank of the Satlej, supplies must be collected, abundant but indifferent water from a well, site for C-G E of road; country covered with jungle, road as in last stage
		Total marches, 6 = 57 m.			See Route 123 Country as before except near town; road unmetalled and very heavy near the Satlej, cross the Satlej at about 2 m, by ry bridge and by ferry, 2 boats carrying 100 men each

Route No. 479.

FROM MOOLTAN TO DERA GHAZI KHAN

via MUZAFFARGARH

ACTIVITIES.		Names of stages and sites of encamping grounds	DISTANCES.		REMARKS
Military	Civil		Miles.	Total.	
G O C Lahore District Meera Meer	By Commr of Muzaffargarh, Muzaffargarh	SHER SHAH 96,070 sq yds p. a. r. s.	9	9	A large village supplies on notice, plentiful good water from wells close to C-G which is N of road, country fairly cultivated, road unmetalled, but good
		MUZAFFARGARH 216 x 216 yds. p. a. r. s. b.	10	19	A small civil stn; supplies abundant, plentiful good water from a well on C-G, which is N of road and N W of stn, country as above; road good, cross the Chenab R. by the ry bridge at about 3 m
		KURASHI 300 x 200 yds p. a. b.	14	33	A small village, supplies on notice, abundant good water from wells, C-G good, close to police stn, country sandy and partially cultivated; road good up to Basra, 8 m, thence heavy.
		GHAZI GHAT 620 x 80 yds p. a. r. s.	5½	38½	No village near supplies can be collected, water from the Indus, on left bank of which is C-G; country partially cultivated, road unmetalled but good, nallahs bridged except the Dinga and Chitka creeks which can be crossed by boats during hot weather
		DERA GHAZI KHAN	8½	47½	See Route 189 Country subject to inundation; road, a track about 30 ft. wide over heavy sand, improved by layers of straw, this class of road extends for about 6 m until the main channel of the Indus is reached, usual width about 1,200 yds, which is crossed by a bridge of boats in winter, in summer the whole of the country near the river is under water, and the crossing must be made by steamer or boat, the last 2 m of the road is 80 ft. wide, and metalled
Total marches, 5 = 47½ m					NOTE.—For Indus ferries see remarks on page (1)

Route No. 480.

FROM MOOLTAN TO DERA ISMAIL KHAN

via BHUKI, DAERADIN PANAH AND BHAKKAR.

Activities.		Names of stages and size of encamping grounds	Distances.		Remarks.
Military	Civil		Miles.	Total.	
G O C Lahore District, Meera Meer	By Commr of Muzaffargarh, Muzaffargarh	LANGAR 48,400 sq yds b.	11	11	A small village, supplies on notice forage scarce; abundant good water from wells in vicinity of C-G, which is near village; country sandy, but fairly cultivated, road, 20 ft. wide, unmetalled and indifferent, cross the Chenab at Rajhat at 4½ m, by ferry The Shahpur-Muzaffargarh road passes through Langar
		MIRWALI	8½	19½	A very small village; supplies must be collected plentiful water from a well near C-G small site for which is W of and close to village, country generally barren, road unmetalled, sandy and heavy, but bridged and passable for all arms
		BHUKI	8½	28	A small village, supplies must be collected; plentiful good water from a well E of C-G, small site for which is N of village, country and road as above
		KOT-ADU	11	39	Country scantily cultivated, road fair; nallah bridged.
		DAERADIN PANAH	7	46	See Route 189

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commissioner of Dera Ismail Khan, Dera Ismail Khan.	KOT-SULTAN	14½	60½	See Route 199.
		LEIAH . . .	12	72½	
		DORATTA (DOROHARKA)	7	79½	
		KAROR . . .	11½	90½	
		JHARKAL . . .	8	98½	
		NOTAK . . .	9	107½	
		BHAKKAR . . .	11	118½	
		LAK . . .	13	131½	
		DERA ISMAIL KHAN.	7	138½	
		Total marches, 14= 138½ m.			

Route No. 480(a).
FROM MOOLTAN TO DERA ISMAIL KHAN.
via MUNDA, PATEHPUR, MANKERA AND BHAKKAR.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meer Meer.	Dy. Commissioner of Muzaffargarh, Muzaffargarh.	MISSI PIPLI 72,600 sq. yds.	8	8	<p>NOTE.—There is no direct road, only a narrow foot-path through the desert, formerly seldom used and now entirely forsaken, owing to the opening of the Sind-Sagar State Ry. and the bridging of the Chenab R.</p> <p>A small village; supplies on notice; plentiful good water from a well E. of and close to C-G., site for which is near village; country sandy and partially cultivated; road neither metalled nor bridged and unsuitable for wheeled traffic; cross the Chenab about half-way by ferry of 8 large boats.</p> <p>A small village; supplies on notice; good but limited water from a well about 50 yds. E. of C-G., site for which is E. of road and S. of village; country covered with jungle and low sand hills; road as before.</p> <p>A small village; supplies on notice; plentiful good water from a well W. of C-G., site for which is E. of village and road; country and road as before.</p> <p>Two wells, from which there is good water for a battn.; supplies on one month's notice; extensive site for C-G. on open sandy ground near wells; country desert; road heavy and impracticable for carts.</p> <p>A small village; no supplies; abundant good water from wells in the vicinity; site for C-G. on waste land near village; country and road as above.</p> <p>Two wells, from which there is good water for a battn.; supplies on one month's notice; extensive site for C-G. on open sandy ground near wells; country and road as before.</p> <p>A village; supplies on notice; water indifferent; site for C-G. on open ground near village; country and road as above.</p> <p>A well out of use, now abandoned; supplies on one month's notice; plentiful good water from wells about 2 m. to the S. and S. of the well; country and road as above. Place unfit for the accommodation of troops at present.</p> <p>Country and road as before.</p> <p>See Route 350.</p> <p>For other remarks see Route 350.</p> <p>See Route 199.</p> <p>For other remarks see Route 234.</p>
		NUNARI	5½	13½	
		MUNDA P.O.	17	30½	
		GOHAR & SIPARI-WALA.	12½	43	
		CHINI	7½	50½	
		KHARRI & GOLA.	14½	65	
		PATEHPUR	7½	72½	
		WAN WELL	12½	84½	
		MANKERA	7½	92½	
		WELL KISHNA	14½	107	
G. O. C. P. Frontier Force, Abbottabad.	Dy. Commissioner of Dera Ismail Khan, Dera Ismail Khan.	BHAKKAR	14½	121½	
		LAK	13	134½	
		DERA ISMAIL KHAN.	7	141½	
		Total marches, 13=		141½ m.	

Route No. 431.
FROM MOOLTAN TO JHANG.
via MAITHAL AND SHORKOT.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meer Meer.	Dy. Commr. of Mooltan, Mooltan.	ANKHAS	4	4.	<p>NOTE.—This route is preferable to 431 (a) as the country passed through on that route is, for the most part of the way, a dreary jungle and supplies are difficult to obtain.</p> <p>See Route 255.</p> <p>A small village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is on both sides of road; country well cultivated; road unmetalled, but good; leave the Lahore-Ferozepore road at 2 m.</p> <p>A few scattered houses on W. of road; supplies on notice; plentiful good water from a well close to C-G., site for which is near houses; country and road as above.</p>
		MAITHAL 61,520 sq. yds.	12½	16½	
		NARAL 164,220 sq. yds.	14½	30½	

AUTHORITY		Name of stage and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rawal Pindi District Rawal Pindi.	Deputy Commissioner of Jhang, Jhang	LALERI 400 x 800 yds. b.	0½	40½	A small village, supplies scarce, good water, for a battn, from a well near C-G which is N-E of village, country and road as above, pass Fozil Shah at 6 m and cross the Ravi near end of stage, by ferry; the river is generally fordable near the ferry
		BASTI ISLAM	18	58½	A small village, supplies scarce, good water, for a battn, from a well near C-G small site for which is N-W of village, country cultivated at first, afterwards covered with jungle; road, 46 ft. wide, unmetalled, but suitable for all arms.
		SHORKOT 400 x 400 yds. p-o b.	8½	67½	A small old town on a mound, with the ruins of a fort on another close by supplies plentiful, good water, for a battn from a well W of C-G, which E of town, country chiefly jungle, road as above, but difficult after heavy rain
		KAIM 420 x 410 yds	10½	72½	A village supplies on notice, plentiful good water from 2 wells N of C-G which is W of village, country, for first 7 m, a barren waste thence low is covered with grass-jungle road as above
		KADIMI 840 x 880 yds	11½	84½	A small village, supplies scarce, good water, for a battn, from a well about 120 yds E of C-G which is W of village, country and road as above
		JHANG	10½	95½	See Route 481 Country and road as before
		Total marches, 9=			
		84½ m.			

Route No. 481(a).
FROM MOOLTAN TO JHANG.
via SARAI-SIDHU AND SHORKOT

AUTHORITY		Name of stage and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Moen Meer	Deputy Commissioner of Mooltan, Mooltan	AMIKHAS	4	4	NOTE.—This route is not usually used by troops See Route 258
		KADARPUR BAO.	12	16	
		KABIRWALA	14	30	
		SARAI SIDHU 185 840 sq yds p-o b.	14	44	A small town supplies on notice, plentiful good water from wells near C-G, which is E. of road, country as in last stage, road unmetalled, but good and suitable for wheeled traffic, canals bridged
		KORANGA 120 160 sq yds	5½	49½	A village, supplies on notice, forage plentiful abundant water from wells near C-G, which is W of road, country barren at first afterwards cultivated; road as above cross the Ravi at about 2 m, by ferry
		SHORKOT	18½	68½	Country chiefly covered with jungle; road, 46 ft wide unmetalled and very difficult after heavy rain, cross the Kanbi Badi (bridged) at 2, and join the road from Mooltan via Multanal at 11½ m.
		KAIM	10½	79	See Route 481
G. O. C. Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Jhang, Jhang	KADIMI	11½	90½	
		JHANG	10½	101½	For other remarks see Route 258.
		Total marches 9=			
		96½ m			

Route No. 482.
FROM MOOLTAN TO MAILSI.

AUTHORITY		Name of stage and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Moen Meer	Deputy Commissioner of Mooltan, Mooltan	MAKHEDUM RASHID	16	16	See Route 258 (b)
		TIBBA	14	30	
		MAHNI	8	38	
		MAILSI p-o.	12	50	A small village; supplies procurable, plentiful good water from wells close to C-G, site for which is on open ground near village, country, jungle and sparse cultivation, road unmetalled, but in good condition, leave the Ferozepore road at Tibba
		Total marches, 4=			A moderate sized village, supplies on notice, plentiful good water from wells, good site for small C-G close to village, country and road as above.
		60 m			

FROM MORADABAD TO ALMORA.

via KALADHUNGI AND RANIBAGH.

AUTHORITIES.		Name of stages and site of encamping ground &c.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Collector of Moradabad, Moradabad. Dr. Commr. of Naini Tal, Naini Tal. Dr. Commr. of Kumaon, Almora.	From the Church to— MANPUR . . . 10,100 sq. yds. p-o.	12½	12½	A small village; supplies on notice; plentiful good water from 3 wells on C-G, site for which is E. of road and near village; country flat and cultivated; road, 30 ft. wide, metalled and partially bridged, suitable for all arms; enter Moradabad town at ½, leave it at 2½ and cross the Ramganga R. at 2½ m., by bridge of boats in dry season, by ferry (11 boats, each holding 20 men) in the rains.
		DURHIAL . . .	10½	23½	A large village near right bank of the Kosli; supplies on notice; good water from the river, on right bank of which is small site for C-G, where there are 2 good wells; country and road as above; cross the Nachna at 1, and the Bah at 3 m., by strong bridges.
		SAFA KHANA . . .	10½	34½	See Route 81 (a). Country and road as above; cross the Kosli on starting, by ford in dry season, by ferry (4 boats, each carrying 100 men) in the rains.
		KALADHUNGI 390x250 yds. p-o.	16½	49½	A small village at the foot of the hills; supplies on notice; good water from a canal close to C-G, which is near village; country, the Terai; road as above; from here there is a direct riding road to Naini Tal, distant 14½ m.
		PIPAL POKRI . . . 175x175 yds.	7	56½	A halting place; supplies on notice; plentiful good water from a canal, N. of which, and in a cleared hollow in the forest on left of road, is site for C-G; country level and partially cultivated; road, about 30 ft. wide, bridged and passable for all arms.
		RANIBAGH . . .	9	65½	Country cultivated and well watered, slightly hilly towards end of march; road good and bridged; join the road from Bareilly at 5 m.
		BHIM TAL . . .	7	72½	
		RAJGARH . . .	10	82½	See Route 85.
		PEOARA . . .	9½	92½	For other remarks see Route 43 (a).
		ALMORA . . .	9½	102	
		Total marches, 10= 102 m.			

Route No. 484.

FROM MORADABAD TO BUDAUN.

via CHANDAUSI.

AUTHORITIES.		Name of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Collector of Moradabad, Moradabad. Collector of Budaun, Budaun.	BILARI 31,180 sq. yds. p-o. r-o. b.	16½	16½	A large village; supplies on notice; good water from a well N-E. of C-G, which is near village, where there are other wells, and W. of road; country flat and well cultivated; road metalled for first 5 m. only, but raised and good throughout; cross the Ganghna R. (strongly bridged) at 6 and pass Kandarki r-o. at 12½ m.
		CHANDAUSI p-o. l-o. r-o.	12	28½	A small town; supplies on notice; good water from 3 wells near C-G, site for which is E. of and close to town; country and road as above; cross the Ustil Nadi at 6 by ford, except after heavy rain, and pass Bhulawi at 9 m.
		BISAUJI p-o.	14½	43½	A large village; supplies on notice; abundant good water from a number of masonry wells in village, E. and S. of which are several large mango groves, which could be used for encampment; country and road as above, but latter sandy and heavy in parts; pass Faizganj-Behla (p-o.) at 6½ and Mundia-Dhureki (p-o.) at 9½ m.
		WAZIRGANJ p-o.	10½	53½	A large village; supplies on notice; plentiful good water from wells close to sites for C-G, which are in four large mango groves S. of village; country as above; road, 40 ft. wide, unmetalled, but bridged and suitable for all arms; pass Dausali at 5 m.
		BUDAUN . . .	13½	67	See Route 12.
		Total marches, 6= 67 m.			Country and road as in last stage; pass Kargan at 1½ m.

Route No. 485.

FROM MORADABAD TO LANDOUR.

via NAJIBABAD, JHARDWAR AND DEHRA-DUN.

AUTHORITIES.		Name of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Collector of Moradabad, Moradabad. Collector of Bijnor, Bijnor.	CHHAJLET . . .	18½	18½	A small village; supplies on notice; plentiful good water from a well E. of C-G, extensive site for which being N. of road; country cultivated; road unmetalled, but raised and bridged, general width 70 ft., passable for all arms.
		PURANPUR . . . 13,776 sq. yds.	12	25½	A small village; supplies on notice; good water from a well near, and from a well 300 yds. from, C-G, site for which is close to road, near village; country as in last stage; road neither raised, metalled nor bridged, width 40 ft.
		NUNPUR 34,020 sq. yds. p-o.	6	31½	A large village; supplies on notice; good water from a well and tank W. of C-G, site for which is in a grove S. of road; country as above; road unmetalled but bridged, about 80 ft. wide.

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rohilkhand District, Bareilly	Collector of Rampur, Bhopur	NIHTOR 118,200 sq yds. p-o.	13	44½	A village on right bank of the Ganges; supplies on notice good water from S well on O-G, latter situated in a grove S W of village, country as before road 40 ft. wide unmetalled but bridged, the villages of Kunda and Shamspur are passed en route
		KAGINA 90,876 sq yds. p-o. t-s. r-s. b	9½	53½	A town supplies on notice good water from a well on O-G, latter about 1 m S-E of town, country as in last stage; road unmetalled, cross the Ganga (bridged) on starting
		NAJIBABAD.	18½	67½	See Route 121.
		AMSOT	14½	81½	Country and road as above, ford the Mahan at 13 m.
		SHAMPUR	7½	89½	A village supplies on notice, good but limited water from a well and spring near which, and in the forest, is small site for G G, country level and cultivated road unmetalled but fair
		HARDWAR 410×112 yds p-o. t-s. r-s.	7	96½	Country partially cultivated, road unmetalled, bridged, average width 40 ft. See Route 814.
		KANSRAO 100×87 yds	12	108½	A town on the right bank of the Ganges supplies abundant; water from the river, O-G S of road and ¼ m S W of village
		LACHIWALA	8	116½	A very small village, supplies must be collected, plentiful good water from streams in vicinity of O-G, site for which E of road, country sparsely cultivated, road as in previous stage sufficient for carts.
		DEHRA-DUN	10½	127	Country and road as in last stage.
		RAJPUR	0	138	See Route 40 (a)
G O C Meerut District, Meerut	Collector of Saharapur Saharapur	LANDOUR	8	141	For other remarks see Route 40.
		Total marches, 14= 141 m			

Route No. 486.
FROM MORADABAD TO NAINI TAL
via KALADHUNGI

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rohilkhand District, Bareilly	Collector of Moradabad, Moradabad	MANPUR	12½	12½	} See Route 488. For other remarks see Route 81 (a)
		DUREHAL	10½	23½	
		SAPA KHANA	10½	34½	
		KALADHUNGI	15½	49½	
	By Consent of Naini Tal	NAINI TAL p-o. t-s. b	14½	64½	A military encampment and convalescent depot, the 184-yrs of the Lieut.-Genl Comdg the Forces Bengal supplies procurable; plentiful good water from a lake 1 m from which, in encampments, is a small site for O-G, a larger site may be found at N end of lake; country mountainous; road, an 8-ft bridle-path ascending nearly the whole way at an average gradient of 1 in 10, good, but unfit for carts.
		Total marches, 6= 64½ m.			

Route No 487.
FROM MORADABAD TO PITHORAGARH.
via RUDARPUR AND LOHAGHAT

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rohilkhand District, Bareilly	Collector of Moradabad, Moradabad	MANPUR	12½	12½	} See Route 488
		DUREHAL	10½	23½	

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Bhillawal District, Bareilly.	Deputy Commissioner of Naini Tal, Naini Tal.	TALI . . .	9	32½	A small village in the Terai; supplies on notice; good water from a well, and the Gogha stream, about 600 yds. from which and E. of village is site for C.O.; country fairly cultivated; road, 35 ft. wide, unmetalled, but passable for all arms; cross the Koila soon after starting, by ford in dry weather, by ferry in rains, and the Gogha (bridged) at end of stage. Country and road as above; cross the Dubhi stream (bridged) about half-way. There is a shorter road from Moradabad to Rudarpur, but the last two marches are difficult on account of the numerous nullahs and ravines which intersect the road. The stages are:— Ganesh Ghat 18 m. See Route 91 (a). Milsapur (p.o.) 18 " " Rudarpur 10 " " TOTAL 41 m.
		BARAKHERA (GADARPUR) . . .	10	42½	
		RUDARPUR . . .	10½	53½	
		KICHAHA . . .	8	61½	
		SATARGANJ 200x183 yds. .	12	73½	
		NANAKMATHA . . .	7	80½	
		KUTETMA . . .	10	90½	
		TANAKPUR . . .	16	106½	
		DEORI . . .	15	121½	
		CHAMPAWAT . . .	15	136½	
		LORAGHAT . . .	6	142½	
		CHIRA . . .	8½	150½	
		GUMA (GUN) . . .	10	160½	
		FITHORAGARH . . .	8	168½	
		Total marches, 11= 168½ m.			

Route No. 488.
FROM MORADABAD TO RANIKHET.
43 KASHIPUR.

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Bhillawal District, Bareilly.	Deputy Commissioner of Naini Tal, Moradabad.	MARPUR . . .	12½	12½	Country partially cultivated; road unmetalled, sandy and heavy in places, unsuitable for wheeled traffic. See Route 483. See Route 91 (a). For other remarks see Route 44.
		DUEHIAL . . .	10½	23½	
		KASHIPUR . . .	11	34½	
		BAN KA KUA . . .	9	43½	
		AMROTH . . .	10	53½	
		KUMERIA . . .	11½	64½	
		TOTUAM . . .	6½	70½	
		HALU KHAN . . .	7½	78½	
		DANFO . . .	10½	89½	
		BEONI . . .	8½	98½	
		RANIKHET . . .	10½	107½	
		Total marches, 11= 107½ m.			

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Road, at Gwalior, for, Gwalior	CHINKA 280 x 250 yds	0½	20	A village; supplies scarce, good water, for a bath, from a well on G-G., which W of road, and near village, site is bad and has many holes; country road as above Gohad (p-o), a large village on the Morar, is 3 m S.E. of Chinka
		MEHGAON . . .	13½	83½	
		BHIND . . .	12½	45½	
		UDAI . . .	13	58½	
		ETAWAH . . .	7½	96½	
G. O. C. Morar District, Morar.		Collector of Morar, Etawah			See Route 241
		Total marches, 6 = 66½ m.			For other remarks see Route 18.

**Route No. 403.
FROM MORAR TO JHANSI.**

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military	Civil.		Miles.	Total.		
G. O. C. Bundelkhand District, Agra.	Locd. at Gwalior, Greater for, Greater Pop. 451 in Bundelkhand, Newyong By (owner of Jhansi, Jhansi)	KOTA-KI-SANAI .	7½	7½	Country hilly and ravine, road good, metalled and bridged; cross the Morar, 7, and the Khar just before reaching camp.	
		MAKORA .	8½	16½		
		DUBRA. .	11½	28½		
		OPRAI .	10	38½		
						See Route 17
		DUTTLAH .	10½	49½		
		AMBARAI .	7½	56½		
		JHANSI .	9	64½		
	Total marches, 7 = 64½ m					

**Route No. 494.
FROM MORAR TO NASIRABAD as far as MANDRAEL (for remainder see Bombay Route Book No 247).**

AUTHORITY.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.	
Military	Civil		Miles.	Total.		
G. O. C. Bundelkhand District, Agra	For Agt., Kachera States, Bhopatana, Dholpur	Somedra's Territory, Resident at Gwalior, Gwalior	PAHARI 200 x 120 yds	18½	18½	A village, supplies procurable with difficulty, good water, for a bath, from a well 250 yds N-W. of C-G., site for which is S. of road and near village country open, undulating, and partially cultivated; road metalled until it crosses the Agra-Jhansi road at 7 m, thence fair though rocky in places, pass Jaxauli at 8½ and cross the Bank (dry in dry season) at 14 m, by ford except after heavy rain
			SIMAOLI	10	28½	A large village with a fort, supplies procurable, good water, for a bath, from a well in a fakir's garden W of it, and from another well (water doubtful) S of C-G., indifferent site for which is 200; ds S-E. of fort, country cultivated and undulating; road unmetalled sandy in places, but fair; cross a small branch of the Asan R. at 6 m, fordable except after heavy rain
			JAURA	8	36½	Country level and cultivated, road as above, cross the Asan (generally fordable) at 8 m.
			KELARAS	12	48½	See Route 241.
			SABALGARH	14½	60	
			MANDRAEL	11	71	
					Total marches, 6 = 71 m	

Route No. 495.
FROM MORAR TO NEEMUCH *as far as TEHLA (for remainder see Bombay Ron*
Book No. 239).

via SIPRI, SHAHABAD AND KOTAH.

APPROXIMATE		Name of stage and dist. of intervening points.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
		NAIGAON . . .	15½	15½	Country hilly on either side of road and scantily cultivated; road metalled and bridged, crossing over low hills here and there; join the Agra-Bombay road at about 13 m.
		GHATIWALAGAON . . .	10½	26½	
		KEHAT . . .	8½	34½	
		MAHONA . . .	6½	40½	
		CHORPURA . . .	11½	52½	See Route 19.
		SATANWARA . . .	11	63½	
		SIPRI . . .	9½	73	A large village; supplies procurable; plentiful good water from a well on, and another near, C.G. shed site for which is ½ m. E. of village; country open and hilly and cultivated; road, a good cart track; leave the main road and turn W. at Sipri; pass Pipanawa at 6 m.
		RAJGARH . . .	11	84	
		SANDEI 180 x 100 yds. . .	11½	95½	
		SHAHABAD . . .	14	110½	
	Resident at Gwalior, Gwalior.				A small jungle village; no supplies; indifferent limited water from 2 wells and a well close to C.G. site for which is ½ m. S.W. of village; country hilly and thick jungle; road stony and difficult; pass Gangani at 4 and Kajuri at 2½ m.
					A large town with C.G. supplies plentiful; abundant good water from 2 wells on C.G. site for which is ½ m. E. of town; country hilly and stony with thick jungle; road, a difficult stony track as far as Deeth, 7 m., thence good having been recently constructed; cross the Kuna (fordable except after heavy rain) towards end of stage. There is another, but much more roundabout road, from Chorpara to Shahabad, making the following stages:—
					Resident at Gwalior, Gwalior.
					Total from Morar, 108½ m.
					A large village; supplies procurable; plentiful but indifferent water from a well and a well near C.G. shed site for which is ½ m. S. of village; country uncultivated, with small jungle and little cultivation; road as above.
					A large village; supplies procurable; plentiful water from a lake, near edge of which is a stable site for C.G.; country flat with green jungle; road as above; pass Deeth and Kishwana at 8 m.
					A village; supplies procurable; water plentiful; site for C.G. near village; country scantily cultivated; road tolerable; pass Barpara at 6 m.
					A village; supplies rather scarce; water procurable; site for C.G. near village; country jungle with little cultivation; road difficult; pass Kishwana at 4 and Barpara at 6 and cross the Partali R. (fordable, except after heavy rain) at 12 m.
					A village on left bank of the Kali R. supplies procurable; water plentiful; site for C.G. near village; country and road as above; cross the river (fordable, except after heavy rain) at end of stage.
					A village; supplies rather scarce; water plentiful; site for C.G. near village; country well cultivated; road tolerable; nullahs generally fordable.
					See Route 222.
					Country largely with partial cultivation; road fair; nullahs as above; pass Jhalipara at 1½ m.
					A village; supplies procurable; water plentiful; site for C.G. near village; country, nullah and well as above.
					A small village; supplies must be collected; water procurable; site for C.G. near village; country uncultivated, with partial cultivation; road tolerable; nullah as above.
					A village; supplies and good water procurable; site for C.G. near village; country hilly and stony and difficult nullahs as above.
					A village; supplies and good water procurable; site for C.G. near village; country, nullah and well as in last stage.
					Country uncultivated, with cultivation here and there; road rough and stony; pass Kishwana at 2½ m.
					See Route 222.
					Total number, 23 m. 276½ m.

G. C. C. P. District, Agra.

Resident at Gwalior, Gwalior.

Resident at Gwalior, Gwalior.

Resident at Gwalior, Gwalior.

Route No. 496. FROM MURREE TO ABBOTTABAD. BY THE UPPER ROAD

ATTACHMENTS		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	CHANGALAGAL	10	10	<p>North—This route is preferable during the summer months as the road is generally in better order, there are fewer nullahs to cross, and supplies are readily procurable. It is, however, blocked by snow from December during those months No 496(a) is used.</p> <p>A small bazar and hatted military camp, occupied during summer months only, supplies provisions, plentiful good water from Hazara, N. of Hazara, which is small site for C-G, country mountainous, road good, bazar at 6½ and Khargali hatted camp at 7½ m.</p> <p>A small bazar and civil stn, occupied during summer only; supplies procurable; abundant good water from pipes laid on from Maroon, small E. of bazar, country and road as above.</p> <p>A small village, supplies on notice plentiful good water from stream N. of E. of which is small site for C-G; water may also be obtained from a stream E. of village, country and road as above, pass Maroon, N. of Maroon and the hatted camps of Kalabagh and Baragali at 4 and 5 m respectively.</p> <p>See Route 57.</p> <p>Country and road as above, latter open all the year round across the Dera (branch of) at 9½, and the Darkan stream at 6 m, both fordable.</p>
		DUNGAGALI	8	18	
		BAGNOTAR	12	30	
		ABBOTTABAD	10½	40½	
		Total marches, 4 = 40½ m			

Route No. 496(a). FROM MURREE TO ABBOTTABAD. BY THE LOWER ROAD

ATTACHMENTS		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commr. Hazara, Abbottabad.	NAGRI DHUNDAN	18½	18½	<p>A village supplies on notice, abundant water from the Maroon stream, ½ m E. of village, on cultivated lands E. of latter is ample site for C-G country mountainous, road fair and suitable for mule traffic, leave the Maroon road at 1½ m, descend by a steep zig-zag, and pass Kari (boundary of Hazara) at 7½, and cross the Maroon stream (fordable) at 12½ m, during the rains the stream is liable to flood, which soon subsides.</p> <p>A village, supplies on notice, plentiful good water from Maroon, N. of village, where there is ample site on cultivated land, for C-G country and road as above, descend easily on banking for 8½ m to the crest of the Maroon mountain (b.), then descend and cross the Maroon (fordable) at 5 m.</p> <p>See Route 57.</p> <p>Country and road as above, cross the Dera (generally fordable) at 8 and join the Hazara road at 12 m.</p>
		SAJKOT	16	34½	
		ABBOTTABAD	18½	53½	
		Total marches, 6 = 50½ m			

Route No. 497. FROM MURREE TO BANDIPURA. BY KOHALA AND BARANULLA

ATTACHMENTS		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force, Kohat Territory.	Deputy Commr. of Kohat, Kohat.	PHAGWARI	14½	14½	<p>North—Marching with troops to Kohat of the two Imperial roads Kohala to Baranulla and Bandipura to Gilgit, is attended with difficulty, the routes are mere tracks necessitating movement in single file and such without an escort are generally very narrow and of high altitude.</p> <p>A small place supplies on notice, abundant good water from the Kanwar nullah, 1 m beyond, but during rains from nullahs near, C-G, small site for which is close to village country mountainous road a good metalled cart road passable for all arms, gradients easy, pass Kuldana at 1, Kohat point at 2½, and Lower Tota cemetery at 3½ m.</p> <p>A large village near left bank of the Jhelum, supplies on notice, good water from the river, small spaces for C-G in and about compound, country, above, hillsides wooded for 1½ m, then terraced for rice cultivation, road as above, descend to within 1½ m of Kuldana, thence level to the river, pass 5 m road enters the Jhelum valley on the right bank of the river, pass Baramulla at 8½, the old road, and Deval, at 10½ and cross the Kanwar stream (bridged) at 12 m.</p> <p>A small place, supplies on notice; abundant good water from the Dulai nullah, on left bank of which is small space for C-G, also in compound, country, road and gradients as before, after crossing the Jhelum by an iron girder bridge at Kohala, enter Kashmir territory and proceed N. along the left bank of the river, ascending to Shattar, then descending to the Agar N. (crossed by an iron girder bridge) by 3 zig-zags, at 9 m, after crossing, ascend to Dulai.</p>
		KOHALA	12	26½	
		DULAI	12	38½	
		Total marches, 3 = 38½ m			

Accessions.		Names of stages and sites of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Belong to Kashmir, Srinagar.	DOMEI p-o. l-o. b.	0	48	A village at the confluence of the Jhelum and the Klabenganga; supplies on good water from the river; small site for C-G. near b.; country and before; nullahs bridged; pass Hara at 4 m.
		GHAMHI p-o. l-o. b.	13	62	A place near the Jhelum; supplies on notice; good water from the small open site for C-G. near b.; country, nullahs and road as before, following the river.
		HATTI b.	10	72	A crossing place, elevation 3,050 ft.; supplies on notice; abundant good water from a nullah close by C-G., small site for which is near diamet b.; country, road and nullahs as before; pass Dapatta fort on right bank of the river at 1 1/2 and Chatti at 3 1/2 m.
		CHAKOTI p-o. b.	10	82	A village, elevation 3,015 ft.; supplies on notice; plentiful good water from the Chakoti nullah, 120 yds. S. of which, on terraces in hillside, also near b., are spaces for encampment; country as before, hillside wooded; nullahs bridged; road as above, ascends steadily to village 1 m. of Chakoti, thence level.
		URI b.	13	95	See Route 377 (a). Country, road and nullahs as before. At Uri the road from Punch, by the Haji T pass, joins in.
		RAMPUR 300 x 60 yds. p-o. b.	13	108	A village near the Jhelum, elevation 4,495 ft.; supplies on notice; good water from a hill 120 yds. and the river 300 yds. distant; C-G. S. of the village and immediately under the rocky precipitous hill opposite country, road and nullahs as before; descend for 1 1/2 m. to the Namiah site, thence a steady ascent to Rampur.
		BAEAMULA b.	13	121	See Route 8. Country, road and nullahs as above. Paramula is connected by boat with Sopor, Badipora, Srinagar and Islamabad; last journey to Srinagar usually takes also 1 1/2 hrs.
		WATLAE 450 x 60 yds. p-o. b.	14	135	A small village; supplies on notice; good water from a stream 150 yds. S. of C-G. which is N-W. of village under Bakardun Hill, and 3 m. from Wooley Lake; country as before, 1 1/2 m. beyond road now enters the Kashmir valley and is a more level, 4 ft. wide, but suitable for pack animals, including camels; nullahs bridged; pass Sopor (p-o. l-o. b.), soon after crossing the Jhelum, by a wooden bridge, at about 8 m.
		BANDIPURA 320 x 120 yds. p-o. l-o.	11	146	A large village, base of supply for Gilgit; supplies on notice; abundant good water from a stream 1/2 m. S. of C-G.; 1 m. N-W. of village, partly covered with stone, which would have to be cleared; country and road as in last stage, latter is to be completed to Srinagar; nullahs temporarily bridged or fordable, across the ridge connecting the Bakardun Hill with the Srinagar, and after crossing this, descend to the plain, and proceed N.W. to Badipora. From Badipora there is a new military road to Gilgit via Gura and Ladara.
		Total stages, 12 = 146 m.			

Route No. 498.
FROM MURREL TO JHELUM.
BY THE RIGHT BANK OF THE JHELUM RIVER.

Accessions.		Names of stages and sites of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. East Fahl Potha, Rawal Potha.	By Command of East Fahl Potha, Rawal Potha.	PARHANA . . .	10	10	Not a place for encampment, the route as given below is said to be practicable for all animals; but the summer of the road along the river is not kept in repair and all the country troops, as there are numerous landings, the large nullahs and heavy timbering. The site is chiefly intended for the information of those who take the route on the Jhelum river.
		KOTLI . . .	5	15	A small place; few supplies obtainable; good water from springs near; country hilly and well wooded; road fair, descending the whole way.
		RAMTAN FERRY . . .	5	20	This is a well-frequented ferry by which the trade between the territories of the Mirans of Kashmir and this district is carried on; supplies obtainable from Mirans; good water from the river.
		QWAN FERRY . . .	9	29	A ferry from a small place; good water from springs; road very bad and unfit for transport at this pass 5 m.
		FORNHER FERRY . . .	9	38	There is a stopping place for supplies and good water is obtained from springs; road as above; pass Karat at 4 m.
		SARAGHAN FERRY . . .	12	50	A stopping place for supplies; good water from the river; road as above.
		DANANAL . . .	7	57	A stopping place for supplies; good water from springs; road as above.
		DANQALI FERRY . . .	6	63	Supplies can be procured from Mouna Palala; good water from the river.
		HAGHAN FERRY . . .	10	73	A large village; supplies plentiful; good water from the river; road as above; pass Hiti Ferry at 7 m.
		TANQOTE . . .	10	83	Country hilly; road bad and often impassable in hot weather and rains.
G. O. C. East Fahl Potha, Rawal Potha.	By Command of East Fahl Potha, Rawal Potha.	BULIAL . . .	13	96	See Route 362.
		JHELUM . . .	11	107	See Route 362.
Total stages, 12 = 107 m.					

ROUTE NO. 497.
FROM MURREE TO SRINAGAR
 via KOHALA, URI AND BARAMULA

ATTRIBUTION		Number of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Rawal Pindi District, Rawal Pindi	By Officer of Rawal Pindi, Rawal Pindi	DEWAL p-o b.	10½	10½	<i>NOTE</i> —This route is preferable to the new cart-road (No 497) for the first two stages unless cart transport is obligatory; it is 8 miles shorter and in hot season much cooler.
		KOHALA	0	10½	
		CHATRKALES b	11	30½	A small village with an old fort, supplies procurable, abundant good water from a covered masonry spring near C-G, small but good site for which is close to village country hilly, well wooded in parts, road good, average width 6 ft., descending almost the whole way, practicable for laden animals.
		RARA b.	12	42½	See Route 497
		TINALI (TANDALI) b	12	54½	Country and road as above, except last 3 m. of latter, where the cart road, metalled and bridged, is joined. From Kohala a path runs W to Kalabagh, and the gh steep and rocky in parts, is practicable for mountain batteries.
		GHARHI	10	64½	A halting place; supplies and good water procurable, after crossing the iron suspension bridge over the Jhelum, the road enters Kashmir Territory and turns to the N following the course of the Jhelum throughout. It crosses the shoulders of the hills some distance above the left bank of the river, and is tolerably easy all the way.
		HATTI	10½	74½	A halting place, good water procurable; road as before except that the ascents and descents are somewhat steeper.
		CHAKOTI	10½	84½	A halting place, good water procurable, about half way on this stage, the Keshenganga joins the right bank of the Jhelum. (From near this point a road runs N to Muzaffarabad (p-o) and crosses the Jhelum by a rope suspension bridge.) The road now makes a sharp turn S-E, following the course of the Jhelum, and the valley becomes narrower. There are some very steep and precipitous places on it in march.
		URI	13½	98½	An easy march, still continuing up the left bank of the Jhelum.
		NAOSHERA	14	112½	See Route 497
		BARAMULA	0	112½	For other remarks see Route 407.
		PATAN	16½	129½	See Route 303(n).
		SRINAGAR	17½	146½	For other remarks see Route 407.
		Total marches, 18 =			
		156½ m			

Route No. 500.
FROM MUSSOOREE TO RANIKHET
 via TEHRI, PAURI, KIMOLI, RAMNI, GWALDAN, AND DWABAHAT

Attribution		Names of stages and size of encamping grounds	Distance		Remarks
Military	Civil		Miles.	Total	
G O C Rohilward District, Faizabad	By Officer of Faizabad, Faizabad	DHANAUZI	16½	16½	Country mountainous, road good, at 10 m. there is a steep and stony zig zag.
		KAURIAGALLA	13	29½	
		TEHRI	11½	40	See Route 40
		PAUKHAL b	11½	51½	A small village, elevation 4,250 ft.; supplies on notice; plentiful good water from a spring in village small C-G, on cultivated terraces, country as before, road good and fit for mule traffic, pass Binkasa, a village on the Shingla R., at 1½ and cross the Gadoin (bridged) at 6½ m.
		DHANK CHAURA b	10½	62½	A small village; supplies on notice; good water from a stream just below C-G, site for which is on cultivated terraces, country and road as above, ascend gradually for 2½ m., then descend, in some places rapidly, for 6 m., afterwards, nearly level to camp, cross the Thakolgan stream (bridged) at 10½ m.
		PAURI	12	74½	See Route 40
		KHIRSU 160,000 sq yds.	10½	85	Country and road as before, gradients very steep in places, streams bridged, cross the Akhanda at 5½ m. not more than 6 pack animals should cross at a time; from the bridge Srinagar on the Almora-Laudour road is 1 m. distant.
		CHARIPANI b	5½	91½	A halting place, elevation 5,450 ft., supplies on notice; plentiful good water from a stream close to C-G, which is good, country as before, road unmetalled, good and 10 ft. wide for 6½ m., up to which point it ascends at easy gradients, afterwards it is only 6 ft. wide and rises and falls irregularly.
G O C Rohilward District, Faizabad	By Officer of Faizabad, Faizabad				A halting place, elevation 6,230 ft., supplies on notice, good but limited water from a spring ½ m. from C-G which is in small terraces with a wooden 2 roomed house on it, country and road as above but latter very steep in places, especially at 3½ m., where it is very narrow and animals would have to be unloaded.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Deputy Commissioner of Garhwal, Pauri.	BHAINSWARA 5,000 sq. yds. b.	8½	98½	A small village, elevation 6,450 ft.; supplies on notice; abundant good water from a stream 100 yds. E. of C-G., site for which is S. of and above road, with a wooden house on it; country and road as above, but latter, rough in places, continually ascending and descending.
		TILKANI KHAL 300 × 200 yds. b.	7½	106½	A small village, elevation 7,780 ft.; supplies on notice; abundant good water from a stream 100 yds. from C-G., site for which is on waste land S. of and above road, with a wooden hut on it; country as before; road unmetalled and indifferent, 8 ft. wide; gradients steep in parts.
		KHETI MASLI 120,000 sq. yds. b.	16	122½	A small village, elevation 6,820 ft.; supplies on notice; abundant good water from a stream 400 yds. N. of C-G., which is E. of village and above road with a wooden h. on it; country as before; road as above, but fair; streams bridged and generally fordable; descend very steeply at first, then ascend and descend alternately; pass Adbadri at 12½ m.
		KIMOLI 60,000 sq. yds.	6½	128	A village, elevation 6,700 ft.; supplies on notice; abundant good water from a stream 400 yds. E. of C-G., which is on terraces S.E. of village; country and road as in last stage; cross the Dwaikhal pass at 1½ m.
		DIWAR 200 × 100 yds.	11½	139½	A small village, elevation 6,900 ft.; supplies on notice; abundant good water from a stream, close to which and N. of village is site for C-G.; country as above; road unmetalled, indifferent and stony; it descends for 6 m., crossing the Ajarwar stream 6 times in last 2½ m.; cross the Pindar R., about half-way, by a suspension bridge.
		GHAT 160 × 100 yds.	9½	149½	A halting place, elevation 4,200 ft.; supplies on notice; abundant good water from a spring, close to which is site for C-G.; country and road as before; gradients steep; cross the Chiple, at end of stage, by a wooden bridge.
		RADINI 330 × 200 yds.	8½	156½	A large village, elevation 8,220 ft.; supplies on notice; plentiful good water from a stream, near which and N. of village is site for C-G.; country and road as before; cross the Nandakanga (bridged) on starting, then ascend very steeply by zigzags for nearly 2 m. to Mathyakot, whence the road rises and falls irregularly until camp is reached.
		ALA 260 × 200 yds.	6½	162½	A village, elevation 7,860 ft.; supplies on notice; plentiful good water from a stream, close to which and near village is C-G., on slightly sloping and cultivated terraces; country and road as before, latter ascends and descends irregularly, and is in many places a mere track, very rocky and narrow; pass Padargan at 2½ m.
		KANAUL 300 × 260 yds.	9½	172½	A village, elevation 9,050 ft.; supplies on notice; plentiful good water from a stream, close to which, and on terraces above village, is C-G.; country as above; road bad; descend and ascend alternately until the Nandakanga (bridged and fordable) is crossed at 6½ m., then ascend very steeply.
		WAN 300 × 200 yds.	4½	177½	A village, elevation 8,500 ft.; supplies on notice; plentiful good water from a stream close to C-G., which is on waste land in terraces lying to E. of, and above, village; country as before; road indifferent; ascend for 2 m. by a zigzag to top of a ridge (elevation 10,200 ft.) and then descend to within ¼ m. of camp.
	Deputy Commissioner of Kumaon, Almora.	LOHAJANG 330 × 260 yds.	7½	183½	A village; supplies on notice; unlimited good water from a stream close to C-G., which is on terraces E. of village; country as before; road fair, unmetalled, 4 to 6 ft. wide, it descends for 4½ m. and then ascends, difficult for pack animals.
		GWALDAN p-o.	12½	196½	A village, elevation 6,300 ft.; supplies on notice; unlimited good water from a stream, E. of which is a small site for C-G.; country and road as above; stream fordable; descend rapidly for 3 m., then more gradually to Kande at 6½ m.; cross the Pindar (fordable in dry weather) at 10 m. by a suspension bridge, and then ascend to camp.
		GWAR 160 × 75 yds.	7	203½	A village; supplies on notice; unlimited good water from a stream; site for C-G. close to village; country and road as above, but latter good; it descends very gradually for 4 m., thence nearly level to camp.
		KUSANI 100 × 60 yds.	10	213½	A halting place, elevation 6,100 ft.; supplies on notice; good water from a spring and well; good site for C-G.; country and road as above, latter nearly level to Lajpath, 4 m., where the Gomati R. (fordable in dry season) is crossed by a suspension bridge 8 ft. wide, whence the road rises gradually for 6 m. to camp.
		LODE	9½	223	A halting place, elevation 5,400 ft.; supplies on notice; good water from a well and small stream; good and extensive site for C-G. on the Almora-Garhwal road; country and road as above; cross a stream by a wooden bridge at 4½, and at 5½ m. the road to Almora branches off.
		DWARAHAT	6½	229½	See Route 40. Country and road as above, latter descends for ½ m., then level for 2½ m.; after this a ridge is crossed, and on reaching road on the other side, it is nearly level to camp.
Deputy Commissioner of Kumaon, Almora.	RANIKHET	12	241½	See Route 46. Country as above; road good, 8 to 10 ft. wide, and almost level to within 5 m. of end of stage, where it crosses the Gagas R. (bridged) and then ascends to Ranikhhet.	
		Total marches, 25 = 241½ m.			

Route No. 501.
FROM MUTTRA TO BEHARATPUR.
via DIG AND KUMHER.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut Dist., Meerut.	Col. of Artillery, Meerut.	From Cantonments to GOBARDHAN p-o.	15	15	A small town; supplies procurable; plentiful water from wells in the vicinity; troops can encamp on cultivated land anywhere on outskirts of town; country flat, open and cultivated; road metalled and bridged; cross the Agra-Delhi canal at 8½ and pass Aring (p-o.) at 19 m.

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Meerut District, Meerut	Col. Agt. Eastern States, Eastern States, Dholpur	DIG 330 x 300 yds p o 1-2	8½	23½	A city, supplies plentiful, abundant good water from wells and tanks, site for C.G. on the Jhams road and close to a large masonry tank, country as above, but swampy near Dig; road as before
		KUMHER p o 1-2	13	36½	A city, supplies and water procurable, extensive site for C.G. about ½ m from city, country and road as above
		BHARATPUR	11½	47½	See Route 11
		Total marches 4 = 47½ m			Country flat and mostly uncultivated, much intersected by mud walls, road as above; pass the bow limit for the Bharatpur I.S. Infantry, where there is space for encampment, at 9 m. An excellent road runs round the town; it is 1 m. longer, but saves going through the narrow streets.

Route No. 502.
FROM MUTTRA TO FATEHGARH.
via MAINPURI AND BEWAR

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Meerut District, Meerut	Col. of Muttra, Muttra	BALUO p o	10½	10½	A village, supplies on notice; plentiful good water from wells, camp can be pitched anywhere, country open and partially cultivated; road metalled and bridged, cross the Jumna during first half of the stage, by bridge-of-boats in dry season, by ferry (3 boats, each carrying 100 men) in the rains, pass Mubahan (p o) at 6½ m.
		KHANDAULI	16½	26½	See Route 9
G. O. C. Bundelkhand District, Agra	Collector of Agra, Agra	ITMADPUR	12	38½	Country and road as above, pass Baswar at about 5 m.
		FIROZABAD	18½	57½	Country partially cultivated, road as above.
G. O. C. Meerut District, Meerut	Collector of Meerut, Meerut	SHIKOHABAD	11½	69½	See Route 10
		AROUN	10	79½	
		BIRGHAI	10½	90½	
		MAINPURI	12½	103½	
		BEWAR	14½	118½	See Route 13 1 or other remarks see Route 202.
G. O. C. Lucknow District, Lucknow	Collector of Lucknow, Lucknow	MUKANMADABAD	11	129½	
		FATEHGARH	18	147½	
		Total marches, 11 = 134½ m			

Route No. 503.
FROM MUTTRA TO GURGAON.
via HODAL AND PALWAL

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Meerut District, Meerut	Col. of Muttra, Muttra	JAIR	11½	11½	
		CHATA	11½	23	
		HODAL	14½	37½	See Route 13
		BEHMANIHERA	14½	52½	
		PALWAL	6	58½	See Route 188(b).
		SILANI	12	70½	Country and road as in last stage
		SONNA	6	76½	A small village; supplies must be collected, water slightly brackish, but plentiful, from wells in village and in surrounding fields; suitable space for C.G. round village, country fairly cultivated; road unmetalled and heavy in places, but raised and bridged
		GURGAON	15	91½	Country not very open near road, cultivation beyond, road as above, pass Lakhuwas at 8½ m. See Route 188
		Total marches, 8 = 90½ m			

Route No. 503 (a).
FROM MUTTRA TO GURGAON.
via DIG, FIROZPUR-JHIRKA AND SOHNA.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Col. of Muttra, Meerut, Muzaffar, Gurgaon.	GOBARDHAN	15	15	See Route 501.
		DIG	8½	23½	
		KAMA 350 x 250 yds.	13	36½	A small town; supplies abundant on notice; water plentiful; C-G. 1 m. before reaching the town; country round Kama, swampy; road raised, metalled and bridged.
		PAHARI 180 x 125 yds. p-o.	14	50½	
		FIROZPUR-JHIRKA.	15	65½	Country fairly cultivated; road as above as far as Mahanli, 12 m., thence raised, metalled and bridged.
		BHADAS	12	77½	
		NUH	12	89½	See Route 188.
		SOHNA	11½	101½	
		GURGAON	15	116½	
		Total marches, 9 = 116½ m.			

Route No. 503 (b).
FROM MUTTRA TO GURGAON.
via HODAL, HATTIN AND SOHNA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Col. of Muttra, Meerut, Muzaffar, Gurgaon.	JAIT	11½	11½	NOTE.—Road unmetalled and very heavy, should not be used, except in emergency.
		CHATA	11½	23	
		HODAL	14½	37½	See Route 18.
		HATTIN p-o. h.	12½	49½	
		SOHNA	17	66½	A large village; supplies and good water plentiful; suitable land for encampment in the surrounding fields; country level, open and fairly cultivated; road metalled as far as Banahari, 3 m., where the Delhi road is left, thence heavy; pass Seoli at 7 and Manpur (caanal h.) at 8 m.
		GURGAON	15	81½	
		Total marches, 6 = 81½ m.			Country as above; road, a fair village track up to Indri, 14 m., thence sandy and very heavy; pass Ribar at 8 m. See Route 188.

Route No. 504.
FROM MUTTRA TO HISSAR.
via REWARI AND DADRI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Col. of Muttra, Meerut, Muzaffar, Gurgaon.	JAIT	11½	11½	See Route 18.
		CHATA	11½	23	
		KOSI p-o. t-s.	0	20	A small town; supplies procurable; plentiful good water from wells; C-G. anywhere in vicinity of village; country open and cultivated; road metalled and bridged, 30 ft. wide; the Agni-Delhi canal is crossed at 4½ m.
		PUNAHANA	14½	43½	
		BHADAS	13½	57	See Route 188 (c). Country as before; road unmetalled but in fair order.
		NUH	12	69	
		DHARUHERA p-o. h.	15	84	Country as above; road unmetalled and very heavy in parts. See Route 188. A fair-sized village; supplies on notice; plentiful good water from wells; C-G. in adjacent fields; country hilly; the road over the Bhim pass, at 3 m., is metalled, but very steep and unfit for carts; in other parts the road is unmetalled and much damaged by floods, and in its present state is not fit for troops. The route most used runs from Nuh to Tauru, 8 m., and thence to Dharuhera, 11 m.; this road is also unfit for wheeled traffic.

ACCUMULATED		Names of stages and no of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G.O.C. Meerut District Meerut	Civ. Govt. of Meerut	REWARI	11	95	See Route 188 (a) Country as in last stage road is metalled sandy and heavy & a bed of the Ravi It is crossed at 8½ m
		BERLI	10	105	A small village in the Dugra state supplies on notice abundant good water from wells C.G. in surrounding fields country and road as in last stage, pass Boudpur at 8½ and Mandya at 6 m
		NAHUR	0½	11½	A town supplies on notice abundant good water from wells; C.G. anywhere in vicinity of town; country sandy with some cultivation road as in last stage crosses the Hamsaut at 4½ m fordable, except when in flood
	Civ. Govt. of Hissar	DADRI	15½	129½	Country and road as before pass Mori at 11½ m.
		MANHICRU	0½	130	
		UHIWANI	8	138	
		BALLIALI	10½	148½	See Route 52a.
		JAMALPUR	7½	156	
		LADUA	11½	167½	
		HISSAR	8	175½	For other remarks see Route 191
	Total marches 17 =			168½ m	

Route No 505.

FROM MUTTRA TO MHOW as far as RASULPUR (for remainder see Bombay Route Book No 228)

ACCUMULATED		Names of stages and no of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G.O.C. Meerut District Meerut	Civ. Govt. of Muttra	RASULPUR P.O.	18½	18½	A village supplies on notice abundant good water from wells entire to space for encampment; the surrounding fields country open and cultivated road metalled and bridges; pass Gheta Kosi at 9 and cross the Delhi Agr. canal at 10 m
		Total marches 1 =		18½ m	

Route No 506

FROM MUTTRA TO NASIRABAD as far as DIG, see Route 501 (for remainder see Bombay Route Book No 250)

Route No 506 (a).

FROM MUTTRA TO NASIRABAD as far as ULUPURA (for remainder see Bombay Route Book No 250 (1))

ACCUMULATED		Names of stages and no of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G.O.C. Meerut District Meerut	Civ. Govt. of Meerut	RASULPUR	18½	18½	See Route 505.
		BHARATPUR	10½	29½	See Route 11
		LUHARU	11	40½	Country open flat and partially cultivated road metalled and good
		HALENA P.O.	11½	52½	A village supplies on notice good water from a well near C.G., suitable site for "wells" N of and close to village country and road as above
		ULUPURA	1½	54	A village supplies on notice good water from wells in the vicinity suitable site for encampment near the dismantled dak b country as above road metalled but good
	Civ. Govt. of Eastern States	Total marches 5 =		54½ m	Two small villages near the boundary of the Manipal state supplies must be collected; plentiful water from wells site for C.G. near village; country as road as above crosses the Rajgunga at 2 m & dry except in the rains, when it becomes impassable

FROM MUZAFFARGARH TO DERA ISMAIL KHAN.

via DAERADI-PANAH, LEIAH AND BHAKKAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meeran Meer.	Dr. Commr. of Muzaffargarh, Muzaffargarh.	MAHMUD KOT 100x100 yds. p-o. b.	14	14	A small village; supplies on notice; plentiful good water from a well on E. side of C-G., site for which is E. of village on roadside; country barren for first 7 m., afterwards scantily cultivated; road, 20 ft. wide, unmetalled, but bridged and passable for all arms, though sandy and heavy in places.
		SINANWAN .	8½	22½	
		KOT-ADU .	10	32½	
		DAERADIN-PANAH.	7	39½	
		KOT-SULTAN .	14½	54	Country fairly cultivated; road as above.
		LEIAH .	12	66	
		DORATTA (DORCHARKA).	7	73	
		KAROR .	31½	84½	
		JHARKAL .	8	92½	See Route 199.
		KOTAK .	9	101½	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Dera Ismail Khan, Dera Ismail Khan.	BHAKKAR .	11	112½	
		LAK .	13	125½	
		DERA ISMAIL KHAN.	7	132½	
		Total marches, 13 =		132½ m.	
					For other remarks see Route 231.

Route No. 508.

FROM MUZAFFARGARH TO RAJANPUR.

via KHANGARH AND THE NURPUR FERRY.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meeran Meer.	Deputy Commissioner of Muzaffargarh, Muzaffargarh.	KHANGARH 96,500 sq. yds. p-o. b.	11	11	NOTE.—During summer, when the country is much subject to floods, this route should be avoided, the following alternative being preferable, though longer—by No. 470 to Dera Ghazi Khan and thence to Rajanpur by No. 197.
		ROHILLANWALI .	13	24	
		SHAHR-SULTAN 21,200 sq. yds. p-o. b.	13	37	A town; supplies on notice; abundant good water from a well near C-G., which is on roadside, N. of town and near police stn.; country woody and cultivated; road metalled and bridged, suitable for all arms; pass Rampur at 3 m.
		ALIPUR 29,000 sq. yds. p-o. b.	14	51	
		SITPUR 14,627 sq. yds. p-o. b.	11	62	A village; supplies on notice; abundant good water from a well; small site for C-G. on level ground S. of village and near road; country as above; road unmetalled, but fair; canals strongly bridged; pass Ghazianagar at 4 m.
		DHAKA .	20	82	
		NURPUR 230x50 yds.	6	88	A large village; supplies on notice; plentiful good water from wells; site for C-G. on roadside E. of village; country and road as above; canals strongly bridged; pass Kotla Lal Shah at ½ m.
		RAJANPUR .	10	98	
		Total marches, 8 =		98 m.	A town; supplies and good water abundant; site for C-G. on level ground W. of the town; country and road as before. From Alipur a road branches off E-W. to Khatipur (p-o.), distant 7 m., and another N-W. to Jatoi (p-o.), distant 9 m.

NOTE.—During summer, when the country is much subject to floods, this route should be avoided, the following alternative being preferable, though longer—by No. 470 to Dera Ghazi Khan and thence to Rajanpur by No. 197.

A town; supplies on notice; abundant good water from a well near C-G., which is on roadside, N. of town and near police stn.; country woody and cultivated; road metalled and bridged, suitable for all arms; pass Rampur at 3 m.

A village; supplies on notice; abundant good water from a well; small site for C-G. on level ground S. of village and near road; country as above; road unmetalled, but fair; canals strongly bridged; pass Ghazianagar at 4 m.

A large village; supplies on notice; plentiful good water from wells; site for C-G. on roadside E. of village; country and road as above; canals strongly bridged; pass Kotla Lal Shah at ½ m.

A town; supplies and good water abundant; site for C-G. on level ground W. of the town; country and road as before. From Alipur a road branches off E-W. to Khatipur (p-o.), distant 7 m., and another N-W. to Jatoi (p-o.), distant 9 m.

A town; supplies easily procurable; water rather scarce in hot weather; site for C-G. N. of, and close to, town; country and road as above; canals bridged; the whole of the neighbourhood is covered with date trees, and generally inundated in hot weather.

A village; supplies on notice; good water from the Indus and Chenab, the confluence of which is very near; site for C-G. must be arranged for; country and road as in last stage, both generally inundated in summer.

A small village; supplies on notice; plentiful good water from wells near C-G., site for which is on right of road and near village; country fertile, low and subject to inundation; road unmetalled, but suitable for wheeled traffic when not flooded; cross the Indus on starting, by ferry, 4 large boats and others on notice. From Nurpur a road runs E-W. to Mithankot, distant 12 m.

See Route 197.
Country and road as in last stage.

Route No. 509. FROM MUZAFFARNAGAR TO BIJNOR

AUTHORITIES		Name of stages and size of encamping grounds.	Distances		REMARKS
Military	Civil		Miles.	Total	
G O C Meerut District Meerut	Colr of Colls of Muzaffarnagar, Muzaffarnagar, Meerut, Bijnor.	MORNA.	14	14	A small village, supplies on notice, plentiful good water from wells extensive site for C.G. near village, country fairly cultivated, road metalled for 600 ft 8 m only, but bridged and suitable for all arms. All water-channels bridged, and bridges strong enough for guns, pass Maknoli at 44, cross the Ganges canal at 107, and pass Bhepa at 107 1/2 m. See Route 464 Country chiefly covered with jungle; road as in latter part of last stage cross the Ganges about half way at Rauli Ghat, by bridge of-boats in dry season by ferry (4 boats, each carrying 400 mds) in the rains.
		BIJNOR Church	16	29	
		Total marches, 2 = 30 m			

Route No. 510. FROM MUZAFFARPUR TO DARBHANGA. and SIMRI.

AUTHORITIES		Name of stages and size of encamping grounds	Distances		REMARKS
Military	Civil		Miles.	Total	
G O C Allahabad District, Allahabad	Colr of Post Colr of West Division, Allahabad, Faizabad, Darbhanga, Muzaffarpur.	SHARAFUDDINPUR 560 x 360 yds p-o	11	11	A village, supplies on notice; plentiful good water from 2 wells close to C.G., which is N of road, at the 11th mile-stone, and 300 yds W of bazar country level, open and cultivated; road good and partially metalled; nullahs bridged, cross the Bar Gandak (230 yds wide deep and unfordable) en route, by ferry 2 boats, each carrying 50 men, others on notice See Route 221 Country and road as above, but latter is liable to be breached during the rains; cross the Bagmati at 4 by ford in dry season, by ferry (2 boats each carrying 50 men) in the rains, and the Lakandai, which is a branch of the Bagmati at 7 1/2 m, by a iron bridge See Route 216 Country as above road as before as far as the Kamla or Chota Bagmati (bridged), which is crossed at 8 1/2 m., thence metalled and bridged.
		SIMRI	14 1/2	25 1/2	
		DARBHANGA	6 1/2	31	
		Total marches, 3 = 31 1/2 m			

Route No. 511. FROM MUZAFFARPUR TO NEPAL (KATMANDU). and MALLAI, MAKWANPUR AND THE VALLEY OF THE BAGMATI.

AUTHORITIES		Name of stages and size of encamping grounds	Distances		REMARKS
Military	Civil		Miles.	Total	
G O C Allahabad District, Allahabad	Collector of West Division, Muzaffarpur	RAMPUR HARI 124 x 60 yds b	10	10	A village, supplies on notice good water, for a battn., from a well 40 yds W of and (for animals) from a tank on S-E border of, C-G, site for which is E of road and about 1 m S. of b, country open and partially cultivated, road good partially metalled and bridged, cross the Bar Gandak at 2 m, by a pontoon bridge, and a breach in the road near end of stage, by a temporary diversion in dry season, by a flat-bottomed boat, carrying 20 men, in the rains. A village, supplies on notice; good water, for a battn., from a well 120 yds. S of, and (for animals) from a tank 50 yds S of, C-G, site for which is 1/2 m S-E of village; country as above; road good, bridged, but liable to be breached during floods; cross the Bagmati at 2 m, by ford in dry season, by ferry (2 boats, carrying 30 men) in the rains, and several other small rivers, by ford or by ferry, en route A small civil stn; supplies procurable, plentiful good water from 3 wells, one on, and others close to, C-G., site for which is E of road, about 1 m S-W of town and 120 yds S of a tank where animals might be watered; country as before, road unmetalled, but raised and bridged, cross a stream at 13 m, by a masonry bridge, 35 yds in length. A village, supplies on notice; good water, for a battn., from a well on, and (for animals) from a tank 50 yds N of C-G, which is W of and close to village, country and road as in last stage; cross the ry line near end of stage. A village, supplies on notice; good water, for a battn., from a well 80 yds N-W of C.G., site for which is 1 1/2 m S. of Mallai, and E of and adjoining Sonoli village animals water at the old bed of the Bagmati close by; country and road as above A village, supplies procurable, plentiful water from the Chanda Nadi, C.G. in fields round village, country cultivated, road level and good, cross the Bagmati (fordable except after heavy rain) at 6, and ford the Chanda Nadi at 8 1/2 m
		THUMA	11	21	
		SITAMARHI 100 x 90 yds p-o t-o r-o b	14 1/2	35 1/2	
		RIGHA 260 x 160 yds r-o	9 1/2	44 1/2	
		MALLAI (SONOLI) 108 x 80 yds	6	50 1/2	
		BHAGWANPUR p-o.	9	60 1/2	

ADMINISTRATIVE.		Name of a place and size of encamping grounds.	DISTANCE.		REMARKS.
MILITARY.	CIVIL.		Miles.	Total.	
Nepales Territory.	Resident in Nepal, Katmandu.	JUGERYE .	18	77½	A village; no supplies; water procurable; C-G. in fields; country as before; road good.
		NIDNIGARI .	10½	88	A village; no supplies; water procurable; country, after the first mile, jungly, with fine trees; road as above.
		DIHAMPUR .	7½	95½	A village; supplies and water procurable; country level and jungly; road practicable for carts; pass Jurgar at 1½ m.
		MAKWANTUR MARI .	10	105½	A small village; no supplies; abundant water from the Karnu Nadi; country hilly and jungly; road difficult; crosses the Sakli (generally fordable) en route.
		PYNTAR DANDA .	10	115½	A few houses inhabited by watchmen who prevent people passing; no supplies; plentiful water from the Bagmati; country extremely hilly and jungly; road difficult, running up the valley of the Bagmati; pass near Nidhera Choki at 3, Garbhalahar at 6½, and Lembar at 7½ m.
		PHERPHING .	10	125½	A large village; supplies procurable; good water from a mountain stream; country and road as in last stage.
		NEPAL (KATMANDU).	11½	137	See Route 181.
		Total marches, 13 = 137 m.			Country as before; road tolerably good after leaving the valley of the Bagmati.

Route No. 511 (a).
FROM MUZAFFARPUR TO NEPAL (KATMANDU).
 via DHARAMPUR.

ADMINISTRATIVE.		Name of a place and size of encamping grounds.	DISTANCE.		REMARKS.
MILITARY.	CIVIL.		Miles.	Total.	
O. C. Allahabad District, Allahabad.	Collector of West District, Meerutpur.	SANATHI . 270 x 100 yds.	8	8	A village; supplies on notice; good, but limited, water from a well 20 yds. E. of C-G., site for which is E. of road and near Lahari village; country cultivated, but subject to inundation; road partially bridged but unmetalled, and very difficult in the rains; cross the Bar Gandak (230 yds. between banks) soon after starting, by ferry, 2 boats, each carrying 60 men, and others on notice; the river can also be crossed by a pontoon bridge at Ahmaghat, 2 m. higher up stream.
		AMSAUR-ATRA . 250 x 200 yds.	7	15	A village; supplies on notice; good but limited water from a well on C-G., which is on E. side of road at 7th m.; country and road as above; cross the Bagmati R. at 4, by ford in dry season, by ferry (2 boats, each carrying 60 men) in the rains, and the Khamna at 5 m. by ferry.
		RAJKUND . 150 x 115 yds.	7	22	A village; supplies on notice; plentiful good water from 2 wells 20 yds. E. of, and (for animals) from 2 tanks close to, C-G., site for which is W. of road and about ½ m. S. of village; country cultivated with numerous factories about; road as above; cross the Lakhandai at 3 m. by ford in dry season, by ferry (1 boat, carrying 40 men) in the rains.
		NANTER . 200 x 120 yds.	11	33	A village; supplies on notice; good water, for a latta, from a well close to, and (for animals) from a tank 200 yds. E. of, C-G., site for which is at Bahera, about a mile N. of village; country as above; road unmetalled but bridged throughout.
		CHURAUT . 200 x 100 yds.	12	45	A village; supplies on notice; good water from 2 wells 300 yds. W. of C-G., which is E. of road and 200 yds. E. of village; country as above; road as before until the ry. is crossed, thence unbridged and difficult in wet weather; pass Janakpur road r.m. at 3 and Puri, where a road runs S-W. to Darbhanga, distant 23 m. at 4 m.; cross channels in the 6th and 7th m., a ferry-boat at each.
		MIRHANI . 120 x 100 yds.	6	51	A village; supplies on notice; plentiful good water from 2 wells 30 yds. N. of, and (for animals) from a tank close to, C-G., site for which is S. of village at Madwar; country as above; road, an unmetalled and unbridged cart track, passable only in dry weather.
		DHARAMPUR .	14	65	A village on E. bank of Chota Bagmati; supplies procurable; water from the river; site for C-G. in fields round village; country as above; road level and good.
		TULSI CHOKI .	17	82	A few huts in the forest; no supplies obtainable; water from a stream, on both banks of which are areas for C-G. country jungly; road for 6 or 7 m. tolerably good, it then enters the bed of a stream and becomes stony and difficult; pass Jharpati about half-way, when the forest commences.
		MANDI .	11	97	Country mountainous and jungly; road difficult; pass Newstar at about 7 m.
		KURKOT .	10	107	
		JHAGAJHOLI .	9	116	
		DARSHA .	15	131	See Route 181.
Nepales Territory.	Resident of Nepal, Katmandu.	WANEYA .	10	141	
		DHATOGON .	7	148	
		NEPAL (KATMANDU).	5	153	
		Total marches, 15 = 153 m.			

Route No. 511 (b).
FROM NUZAFFARPUR TO NEPAL (KATMANDU).
 via MALLAI, MAKWANPUR AND HETOURA.

AUTHORITY		Name of stage and size of encamping grounds	Distance		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of West Tirhoot, Nuzaffarpur	RAMPUR HARI	10	10	See Route 511
		THUMA	14	24	
		SITAMARHI	14½	38½	
		RIGHA	6½	45½	
		MALLAI (SONOUL)	6	51½	
		KADARHANA	5½	57½	A small village and hopelessly wretched, supplies procurable, plentiful water from wells in and from the Bagmati, 1 m. E. of village, in fields N and E of which is space for encampment, country cultivated, road as above, cross the Bagmati at 4 m. fordable except after heavy rain.
		KACHARWA	13	71½	A large village, supplies procurable, abundant water from the Bakia Nad, in fields near which N and E of village, is space for C-G, country and road as in last stage, ford the Lal Dal at 8 m., pass Barua at 8½ m., and ford the Bakia at end of stage.
		BARAGARHI	2	83½	A small village, supplies procurable, plentiful water from the Jamma Nadi ½ m. W. of village in fields E and W of which is space for encampment; country as above, road an ordinary cart track, pass Bhagwanpur at 2½, ford the Jamma at 7, pass Patia at 8 and ford the Jamma again at 10½ m.
		NIJGHAT	10	93½	A few huts; no supplies procurable, plentiful water from the Bakia (here called the Fawa) on clearing on right bank of which is site for C-G, country jungle and well wooded, road as above, ford the Jamma at ½, and again at 2½ m.
		MAHAR	6	99½	A small village at the foot of the Sul ti hills, no supplies procurable, water in abundance from the Sakti stream, country as before, road, a mere track; pass Bataunpur (a small village in a large clearing in the forest) at 4 m.
Nepalase Territory	Resident in Nepal, Katmandu	SUKTI KOHLA PASS	10	109½	A defile which leads through the Churia range, the road is the bed of the Sakti a wind by course of boulders and rocks extremely trying to baggage animals of every sort, and practicable only for coolies, elephants and ponies, proceeding sometimes through perpendicular cliffs at other times across more open ground, but all covered with dense jungle; the ascent is easy till near the head of the pass; the road here is very steep and commanded by the ground at the top of the pass which if occupied, would completely bar the ascent as the road takes a semi-circular sweep to the W. the soil being of an extremely light, friable nature, a road is easily made but much heavy traffic or rain would soon destroy it, no supplies procurable, water plentiful from the Sakti stream.
		MAKWANPUR MARI	6½	116½	See Route 511. Country as in last stage, enter the bed of the Sakti at 1, commence to ascend the Churia range at the source of this river at 2½, reach the top of the pass at 4, and ford the Kattu at 6 m. (after heavy rain the Kattu cannot be crossed). The fort of Makwanpur, on the summit of a mountain, is 8½ m. N E of the village.
		HETOURA (BETOUNDA)	6	122½	A small village on E bank of the Rapti, supplies procurable, water from the river near which is a confined site for C-G, country hilly, road as before, cross a nullah at 1½, another at 2½ and ford (in dry season) the Kattu at 3½ m. There is a considerable bar at a good deal of cultivation at Helanes in the cold season, but the place is almost deserted from April to November, on account of the malarious fever.
		NIMHUTAR	9	131½	A small village on W bank of the Rapti R., elevation 3500 ft., no supplies; water from the river in fields on bank of which and S of it is site for C-G, country mountainous, road a well made on road also G.L. bank of Rapti between wooded mountains, increasing in height, crosses to W bank by a wooden bridge at 7 m. river fordable except after heavy rain.
		BIMPEDI	6	137½	A fairly large village S of Stagahri range and overlooked by Stagahri fort, elevation 3500 ft. mountains rise abruptly on N-W and E, supplies procurable in small quantities, plentiful water from 2 springs in village, in fields about ½ m. of which is site for C-G, country as above; road, as in previous march along W bank of the Rapti, which is crossed by a wooden bridge at 2 m. The source of the river is near village.
		SISAGARHI (OHISAPANI)	1½	139½	An old and partially ruined fort, held by Nepalese troops blocking the road to Katmandu over the Stagahri range, elevation 5575 ft., no supplies, water from a spring ¼ m. down the hill, to W of fort, country as above, the path from Bimpedi is very steep and slippery, covered with loose slate and shale, the mountain side rugged and difficult.
		MARAHU	6½	146½	A village on left bank of the Marhu or Panauhi R. elevation 5,035 ft.; no supplies, water from the river in fields on left bank of which, between Tam baki m. and Marhu, is site for C-G; country as above; road ascends for 1 m. and crosses the crest of the Stagahri range at 6500 ft. above sea level; then descends 2½ m. by steep gradients to Tam baki m. village after this the path proceeds along N bank of the river crossing and recrossing the stream 12 times, there is a foot suspension bridge at Tam baki m., where a road branches off E to Pherphing.
		THANKOT	8	154½	A village at extreme W end of the Nepal valley, elevation 5,375 ft., supplies procurable, plentiful water from springs on S edge of C-G, site for which is an open ground S of village, country as before, the road leads up the bare slope of Ekidanta hill and over hilly ground into Chitlong valley which is well cultivated and populated, pass Chitlong (elevation 6,125 ft.) at 2½ m. village supplies and water are procurable, from here ascent of the wooded Chandragiri range begins the crest of the pass (elevation 7,700 ft.) being reached in 2 m., road fair and not very steep, the descent to Thankot, 2 m., is very steep in places down the bed of a mountain torrent, and in parts down steep, there is another track from Chitlong to Thankot by which elephants are taken to Katmandu, it is slightly longer than the direct route and lies to the W of it.

Accessories.		Names of stages and sites of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
Nepal Territory.	Roads in Nepal, Kathmandu.	NEPAL (KATMANDU).	81	1507	See Route 181. Country as before; road, a fairly good unmetalled driving road, crossing several strongly bridged streams.
		Total marches, 10 = 1891 m.			

Route No. 512.
FROM MYMENSINGH TO BOGRA.
via JAMALPUR AND MADARGANJ.

Accessories.		Names of stages and sites of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Frontier District, Fort William.	Collector of Mymensingh, Mymensingh.	DEGANDARI	7	7	A small village near the Brahmaputra; no supplies; water from the river, on bank of which is small site for C.G.; country low and swampy; road, 15 to 20 ft. wide, unmetalled and often under water in the rains; cross the Solus at end of stage, by ford in dry season, by ferry (1 boat carrying 25 men) in the rains.
		PEARPUR p.o.	11	18	A village near the Brahmaputra; supplies on notice; water from the river; small site for C.G. close to b.; country and road as above; nullahs strongly bridged.
		BHAWANIGANJ	11	29	A village near the old bed of the Brahmaputra; supplies must be collected; abundant water from the river, on waste land on bank of which is small site for C.G.; country, road and nullahs as above.
		JAMALPUR (W) x (S) side, p.o. to b.	7	36	A town and old cantonment, situated in the angle formed by the junction of the Brahmaputra and Jhinal rivers; supplies abundant; water plentiful; C.G. on old parade ground; country and road as above; nullahs strongly bridged.
		BRAHMANPURA	9	45	A village on the Chittal R.; supplies procurable with difficulty; water from the river, on bank of which is small site for C.G.; country, road and nullahs as above; cross the Jhinal on a raft starting, by ford in dry season, by ferry (1 boat carrying 25 men) in the rains.
		MADARGANJ p.o.	10	55	A village on left bank of the Daulata; no supplies; water from the river, on bank of which is small site for C.G.; country, road and nullahs as above; cross the Chittal on starting, by ford in dry season, by ferry (1 small boat) in the rains.
		SARAIKANDI 15,000 p.p. to b.	9	64	A village on the Bengali R.; supplies on notice; water from the river, on bank of which is site for C.G.; country as before; road, 16 to 20 ft. wide, unmetalled, but nearly impassable during the rains; cross the Daulata on starting, by ferry, 1 small boat.
		BOGRA	13	77	See Route 167. Country and road as above; cross the Bengali on starting, the Sarda at 2, the Jhinal at 5 m. all by ford in dry season, by ferry (1 small boat) in the rains, and the Karatla at end of stage, by ferry.
	Collector of Bogra, Bogra.	Total marches, 5 = 77 m.			

Route No. 513.
FROM MYMENSINGH TO RANGPUR.
via JAMALPUR, DEWANGANJ AND BHAWANIGANJ.

Accessories.		Names of stages and sites of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Frontier District, Fort William.	Collector of Mymensingh, Mymensingh.	DEGANDARI	7	7	See Route 512.
		PEARPUR	11	18	
		BHAWANIGANJ	11	29	
		JAMALPUR	7	36	
		PAISA	4	40	A small village on right bank of the Jhinal; supplies must be procured from Jamalpur; water from the river; extensive site for C.G. in open fields; country as before; road 15 ft. wide, unmetalled; cross the Jhinal at end of stage, by ford in dry season, by ferry (3 small boats) in the rains, when the river is about a mile wide.
		ISLAMPUR	12	52	A village; supplies on notice; unlimited water from a stream near village; extensive site for C.G. in fields; country under water during the rains; road as before, but almost impassable during the wet season.
		DEWANGANJ	5	57	A three village; supplies on notice; plentiful water from tanks in vicinity of village; extensive site for C.G. in fields; country and road as before; nullah temporarily bridged with bamboo.
		BAHADURABAD p.o.	6	63	A small village on left bank of the Brahmaputra; supplies must be collected; water from the river; C.G. in fields; country inundated for the greater part of the year; road as above, only passable during the cold months.
Collector of Rangpur, Rangpur.	Collector of Mymensingh, Mymensingh.	BHAWANIGANJ 15,000 p.p. to b.	9	72	A small village on left bank of the Jhinal; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as above; cross the Brahmaputra on starting, by ferry, 3 boats and a steamer.
		Total marches, 8 = 100 m.			

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Rangpur, Rangpur	DARIAPUR 100,000 sq yds	9	89	A village on the Manas, supplies on notice good water from the river, on bank of which and near the market place is C-G, country and road as above; nullahs bridged, but bridges old and dilapidated
		KATGARA 20,000 sq yds	28	90	A village close to the Ghagat, supplies on notice, good water from the river, on bank of which and close to it is site for C-G, country and road as above; nullahs bridged, but 3 weakly so
		ALTURI	11	107	A hamlet, no supplies, water from a nullah, but quantity limited in dry season; site for C-G in open fields near the nullah; country, road and nullahs as above.
		RANGPUR	11	118	See Route 128 Country and road as above; canals strongly bridged
		Total marches, 12 =			
		118 m			

Route No. 514.
MYMENSINGH TO SYLHET
and CHHATAK.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Mymensingh, Mymensingh	SHANGANJ . (DILALPUR) p-o. b	14	14	A bazar; supplies on notice, indifferent and limited water from a khal near which is small site for C-G, country well cultivated, road metalled for the first 8 m only, but raised and bridged throughout, suitable for all arms, cross the Brahmaputra on existing by a ferry, 8 boats, each carrying 300 mds
		NETRAKONA p-o. t s b.	10	24	A village, supplies on notice, water procurable, extensive site for C-G near b, country as above; road as in latter part of last stage
		BARSHATTA b.	8	32	A small bazar; supplies must be collected, abundant good water from a stream, extensive site for C-G in paddy fields near b, country and road as above, bridges, wooden and unsuitable for artillery, cross a stream on route by ferry, 1 boat carrying 15 men
		MOHANGANJ p-o.	7	39	A village near the Sumasari; supplies must be collected, good water from the river, C-G in fields, country and road as above, latter very bad during the rains
		TELIAGAON	13	52	A hamlet, supplies must be collected, indifferent water from a nullah and good from a phool C-G in fields, country jungly with occasional cultivation, road bad, almost impassable in the rains; cross 2 unbridged nullahs en route, fordable during the greater part of the year
		BISHARPASHA 80 x 80 yds	10	62	A village; supplies on notice, good water from the Sumasari, near which is site for C-G on open land, country level and cultivated, road an unmetalled narrow track, streams fordable, ford the Sumasari at end of stage
		LAMAGAON . 155 x 60 yds	12	74	A village, supplies on notice, good water from the Moraganj R., on open land S. of which is site for C-G, country cultivated for first 6 m, thence jungle road as above, nullahs generally fordable, cross the Patna at Tahirpur Khela, by ferry, 4 large boats
		SRIPUR	7	81	A village, supplies on notice, good water from the Patna: in open fields on bank of which is small site for C-G country cultivated at first, afterwards jungle, no road, only a cold weather narrow track, unsuitable for wheeled traffic, cross the Patna: towards end of stage by ford in dry season, by ferry (1 boat) in the rains
		MOLLAPARA	14	95	A village with a dispensary, supplies on notice, good water plentiful site for C-G in fields, country chiefly jungle, road, a track as in last stage, streams generally fordable
		SONANGANJ 220 x 220 yds p-o t s b	11	106	A sub divisional stn; supplies procurable; plentiful good water from a tank $\frac{1}{2}$ m N.W. of C-G, which is S. of road, country open and under cultivation; road as before nullahs temporarily bridged, cross the Surma, at end of stage, by ferry
G O C Assam District, Shillong.	Deputy Commissioner of Sylhet, Sylhet	DUARABAZAR 280 x 130 yds p-o.	9	115	A village, supplies on notice, good water from the Surma R., near which is site for C-G, country and road as above.
		CHHATAK . 215 x 165 yds p-o t s b	14	129	A village supplies on notice; good water from the Surma R., near which, and 150 yds S. of police stn., is site for C-G, country as above; road fair, nullahs, dry in cold weather, crossed by temporary bridges
		GORINDGANJ 230 x 150 yds p-o b	9	138	A village with dispensary, supplies on notice, plentiful good water from a tank, $\frac{1}{2}$ m E. of which is C-G, country and road as above.
		SYLHET	12	150	See Route 171 Country as above, road unmetalled, but practicable for all arms, pass Lamakazi at 3 m and cross the Surma immediately afterwards, by ferry
		Total marches, 14 =			
		150 m			

Route No. 515.
FROM MYMENSINGH TO TURA, in the Garo Hills,
via **SHERPUR-TOWN.**

321

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Mymensingh, Mymensingh. Deputy Commissioner of Garo Hills, Tura.	BEGAMBARI .	7	7	} See Route 512.
		FEARPUR .	11	18	
		CHANDRAKONA .	5	23	
		SHERPUR-TOWN p.o. t.s. h.	10	33	A town; supplies procurable; unlimited water from a stream and tanks; extensive site for C.G. in fields; country, road and nullahs as above.
		NALITABARI p.o. h.	11	44	A large barar; supplies on notice; good water from the Dhani stream; extensive site for C.G. in fields; country, road and nullahs as before; cross the Malijbi at 8 and the Sholong at 8 m., both by ford in dry season, by ferry (2 boats, each carrying 40 men) in the rain.
		DALU	8	52	A large barar; supplies on notice; unlimited good water from several streams; C.G. in fields; country and road as above, but latter only a fair weather track for last 3 m.; several unbridged nullahs cross the road.
		KIRARA . . .	18	70	A village; no supplies; water limited and bad; C.G. confined; country mountainous; road, a fair weather track, passable, in the dry season only, by pack animals; streams and nullahs fordable in dry weather.
		TURA 120 x 100 yds. p.o.	18	88	The largest town in the Garo Hills; supplies on notice; abundant good water from hill streams; site for C.G. on W. side of town and close to a stream; country as above, but jungly; road as before.
		Total marches, 8 = 88 m.			

Route No 516. FROM NAGODE TO BANDA via KALINJAR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nowgong Collector of Banda, Banda	SINGPUR . 35,500 sq yds.	9	9	A large village, supplies on notice, good water from 3 wells in vicinity of C-G, which is W of road, opposite 9th m, country partially cultivated; road metalled and bridged, cross the Sutra stream at 5½ m by causeway, impassable in flood
		PAHARIKHERA 800 × 200 yds	11½	20½	A village; supplies on notice, good water from 3 wells some 300 yds. S-W N-E and E respectively, of C-G latter being ½ m S-E of village, country hilly and jungle, with exception of 1st m., road unmetalled, but raised and bridged, two small causeways are crossed, which, in wet weather, would be difficult for carts
		KOHARI . (i) 150 × 50 yds (ii) 140 × 40 yds.	10½	31½	A small village, supplies scarce, good water from Kohari stream; C-G about 900 yds N-W of village, road generally unmetalled, but raised and bridged; cross the Paharikhera stream by causeway
		KALINJAR 200 × 200 yds p-o. h.	7	38½	A town supplies plentiful, abundant good water from 3 wells in the vicinity of C-G which is ½ m S-E of town country as above, for about the first 4 m., road a mere track and difficult for carts, causeway over the Kohari stream
		PANGARA .	15½	53½	Country cultivated, road unmetalled throughout and raised and bridged only for the last 2½ m., cross the Bagun stream at 10 m by ford in dry season ferry (1 cart carrying about 40 men, but not cattle) in the rains.
		GIRWAN .	8	61½	See Route 79.
		BANDA .	12	73½	For other remarks see Route 20
		Total marches, 7 = 73½ m			

Route No. 517. FROM NAINI TAL TO RANIKHET

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Rohilbund District, Bareilly	Deputy Commissioner of Kumaon Almora.	BHUJAN .	12½	12½	A small village supplies on notice; good water from the Ken R., near which, and close to village about 1½ m. beyond Kharna Dakh is small site for C-G, country hilly and partially cultivated, road a hill track to Ranikhet, 7 m., ascending steeply for first mile then descending for 6 m., where it joins the cart-road, thence fairly level; cross a stream at Ranikhet, by ford, and the Ken at 11 m at Kharna, by an iron girder bridge, where a road from Almora distant about 18 m., joins in.
		RANIKHET	18½	25½	See Route 45
		Total marches, 2 = 25½ m			Country as above, road as in latter part of last stage, pass Banwari at 8½ m.

Route No 518. FROM NOWGONG TO ACHNERA RAILWAY STATION via CHHATARPUR, PANNA AND NAGODE

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra	Political Agent in Bundelkhand, Nowgong Political Agent in Baghelkhand, Bina	CHHATARPUR	14½	14½	See Route 150 For other remarks see Route 323.
		HASARI 800 × 150 yds	10½	25½	A fair-sized village in Chhatarpur territory, supplies on notice, plentiful good water from 2 wells close to C-G, which is S. of road and about ½ m S-W of village country undulating with low jungle and little cultivation, road metalled and bridged pass Ganwara at 3½ and Burchpura at 8 m
		KISARGANJ 280 × 180 yds.	10½	35½	A small village in Chhatarpur territory, supplies on notice, plentiful good water from 2 wells close to C-G, which is S. of road and about 1 m N of village country and road as above; pass Ganj (good site for encampment here) at 6 and Pahari at 8 m.
		MARLA 140 × 120 yds 150 × 100 yds	9½	45½	A small village in Panna state, supplies on notice, good water from a well in bazar and the Ken R. S. of which end of village is a good site for C-G country and road as above, cross the Ken towards end of stage, by a causeway, in dry season, by ferry (2 large and 2 small boats) in the rains
		PANNA .	10½	56½	Country rocky, hills covered with jungle, road as before, but it rises 600 ft 700 ft
		PARARIATOLA .	14½	71½	See Route 79
		NAGODE .	12	83½	For other remarks see Route 35.
		MANDHA .	10½	94½	See Route 366.
		ACHNERA BY STN	9½	103½	
		Total marches, 9 = 103½ m			

Route No. 519.
FROM NOWGONG TO BANDA.
via MAHOBA AND KABRAI.

323

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Col. of Pol. Agent in Bundelkhand, Nowgong.	DOHRI. 370 x 370 yds. b.	11	11	A small village; supplies scarce; good water from a well in b. compound; C-G. W. of road and $\frac{1}{2}$ m. from village; country slightly undulating and partially cultivated; road good, metalled and bridged; pass Jaghasi (good site for encampment) at 8 $\frac{1}{2}$ m.
		SRINAGAR . . .	12	23	See Route 150.
		MAHOBA . . .	9 $\frac{1}{2}$	32 $\frac{1}{2}$	Country and road as above; pass Atrar at 6 $\frac{1}{2}$ m.
		KABRAI . . .	11 $\frac{1}{2}$	44 $\frac{1}{2}$	For other remarks see Route 150.
		MATAUNDH . . .	10 $\frac{1}{2}$	54 $\frac{1}{2}$	See Route 145.
		BANDA . . .	12 $\frac{1}{2}$	67	See Route 364.
		Total marches, 6 = 67 m.			For other remarks see Route 29.

Route No. 520.
FROM NOWGONG TO LALITPUR.
via TIKANGARH.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nowgong.	BURRA 400 × 200 yds.	9	9	A small village in the Charkhari state; supplies on notice; plentiful good water from 4 wells in vicinity of C-G., site for which is S. of village and 200 yds. from a stream; country partially cultivated; pass the villages of Chandora and Furwa, and cross two running streams, with broken approaches, en route.
		DEHRI . . .	12	21	A fair-sized village in the Tehri territory; supplies on notice; plentiful water from a large tank, near which and W. of village is site for C-G., with a dilapidated well E. of it; country undulating with partial cultivation; road ill-defined, difficult and impassable in rains; cross the Dhasan (ford for bullock-carts, S-W. of Aahat village, 500 yds. broad, and boulders, impassable after heavy rain) at 5 and pass Dadgaon at 8 m.
		KARGAPUR . 200 × 180 yds.	9½	30½	A village in Tehri; supplies on notice; plentiful good water from 2 wells close to C-G., which is S. of village and N-W. of the Sandni stream; country slightly hilly; road ill-defined, over broken and uneven ground, difficult for carts at any time, impassable in rainy season; ford the Sandni stream (dry in hot season) at 8 m.
		BALDEOGARH p-o.	7½	38½	A small town in Tehri; supplies on notice; plentiful good water from 2 wells near small C-G., site for which is about 1 m. N. of village and W. of road; country and road as in last stage.
		TIKANGARH (TEHRI).	15	53½	Country open, with small isolated hills; road as above; pass Larwari at 4, ford a stream at 6, and pass Parswa at 7 m. See Route 355(a).
		MAHRONI . . .	13½	67½	
		KHITWAS . . .	11½	78	A moderate-sized village; supplies on notice; good water from a well; no regular C-G., but plenty of space available ½ m. from village; country level and cultivated; road metalled and bridged and in good repair.
		LALITPUR . . .	12½	90½	See Route 355.
Total marches, 8 = 90½ m.				Country and road as above; pass Mirchwar at 4½ m. There is another road to Lalitpur from Tehri making the following stages:— Tehri to Banpur . . . 6½ m. Gugawara . . . 9½ " Lalitpur . . . 13½ "	

Route No. 521.
FROM NOWGONG TO ORAI.
via MAU AND SAIDNAGAR.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy. Commr. Pol. Agt. in Bundelkhand, Nowgong.	ALIPURA . . .	10 $\frac{1}{2}$	10 $\frac{1}{2}$	See Route 353.
		KOTRA . . .	5 $\frac{1}{2}$	16 $\frac{1}{2}$	
		MAU . . .	7 $\frac{1}{2}$	23 $\frac{1}{2}$	For other remarks see Route 513.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Bundelkhand District, Agra.	Dr. Commissioner of Jalaun, Oran.	RAIWAN 280 × 200 yds. p-o. b.	9	32½	A small village; supplies on notice; plentiful good water from wells, and (for animals) from a stream near O-G, which is 280 yds. S. of village; country cultivated, road good in dry weather, in the rains the Sakni is crossed by the bridge 2 m. E. of Man, approached by a branch metalled road, in fair weather by a causeway on the main road through the town.
		PANDWAHA 260 × 200 yds p-o. b.	7	30½	A village; supplies on notice; plentiful good water from a well near old talah and others in village, close to which is site for O-G., country as above, road bridged but unmetalled and bad in rains; cross the Pakhura (fordable in dry weather) en route.
		GURSARAI .	11	50½	A town commanded by a high fort; supplies and camel-grazing plentiful; abundant good water from wells (a few brackish) in vicinity of O-G., site for which is 200 yds. E. of town; country and road as above.
		DAKNESAR . 200 × 200 yds. 200 × 200 yds.	7½	58½	A village; supplies on notice; plentiful good water from a large well W. of O-G., site for which is near village; country and road as above, nullahs unbridged, but generally fordable; pass Garwan at 5 m.
		SAIDNAGAR 300 × 260 yds.	10	68½	A large village, supplies and camel-grazing abundant; plentiful good water from wells on road near O-G., which is W. of road with S. of village; country as above; road, neither metalled nor bridged, with numerous nullahs, cross the Betwa during the last half of the march, by ferry, 1 boat carrying about 30 men.
		ORAI . . .	12	80½	See Route 149.
		Total marches, 9 = 80½ m.			Country and road as above. An easier, though much longer, route from Saidnagar to Orai is via Ait (p-o. r-a.), 6 m., thence to Orai, 14 m., by the Cawnpore-Jhansi metalled road.

Route No. 521(a).
FROM NOWGONG TO ORAI.
via MAU, IRICH AND PUNCH.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Bundelkhand District, Agra.	Col. Agt. in Bundelkhand, Nowgong.	ALIPURA . . .	10½	10½	See Route 553.
		KOTRA . . .	5½	16½	
		MAU . . .	7½	23½	For other remarks see Route 513.
		RAIWAN . . .	9	32½	
		PANDWAHA . . .	7	39½	See Route 521.
		GURSARAI . . .	11	50½	
	Deputy Commissioner of Jhansi.	IRICH . . . 100 × 100 yds. p-o. b.	13	63½	A village near right bank of the Betwa; supplies on notice; good water from 2 wells near, and (for cattle) from a tank 260 yds from O-G., site for which is close to road and ½ m from village, country level, and chiefly cultivated; road unmetalled and bad; nullahs, unbridged, but generally fordable; pass Farida at 4½ and Jhal at 9½ m.
		PUNCH . . .	4½	67½	
		JAKHOLI . . .	9½	77	See Route 149.
		GIRTHAN . . .	10½	87½	
		ORAI . . .	9½	96½	
		Total marches, 11 = 96½ m.			

Route No. 522.
FROM NOWGONG TO PHAPHUND RAILWAY STATION.
via MAU AND JALAUN.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Bundelkhand Dist., Agra.	Col. Agt. in Bundelkhand, Nowgong.	ALIPURA . . .	10½	10½	See Route 553.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Meerut District, Meerut.	G. O. C. Bundelkhand District, Agra.	Dr. Commr. of Jhansi, Jhansi.	KOTRA . . .	5½	16½	See Route 353. For other remarks see Route 315.
			MAU . . .	7½	23½	
			BAIWAN . . .	9	32½	
			PANDWAHA . . .	7	39½	See Route 521.
			GURSARAI . . .	11	50½	
			DAKNESAR . . .	7½	58½	
			SAIDNAGAR . . .	10	68½	A village; supplies plentiful; abundant good water from 2 wells on C-G., which is N. of village; country and road as above; cross the Cawnpore-Jhansi road at about 6 m.
			HARDOI . . . 240 × 100 yds.	12	80½	
			JALAUN . . .	10	90½	
	Colr. of Etawah, Etawah.	HADRUKH . . .	8	98½	See Route 152. Country and road as above.	
		KATHAUND . . .	7½	105½		
		AURAIYA . . .	9	114½	See Route 354. For other remarks see Route 30.	
		PHAPHUND RY. STN.	12	126½		
		Total marches, 14 =				
		126½ m.				

Route No. 523.
FROM NOWGONG (ASSAM) TO CACHAR OR SILOCHAR.
via DOBOKA AND GUNJONG.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Assam District, Shillong.	Deputy Commissioner of Nowgong, Nowgong.	KOTIATALI . . . 500 x 400 yds. p-o. b.	12	12	A village; supplies must be collected; plentiful good water from a well on N. side of C-G., site for which is on high land S. of b., the grass-jungle would have to be cleared away; country flat, open and cultivated; road, 10 to 15 ft. wide, unmetalled, but bridged and practicable for all arms; cross the Noalei Nadi about half-way.	
		DOBOKA . . . b.	12	24	A village on left bank of the Jamuna; supplies must be collected; good water from the river, near which and W. of b., is extensive site for C-G.; country hilly and partially cultivated, dense trees and grass-jungle between the 3rd and 4th mile; road as above.	
		LANKA . . . p-o. r-s. b.	14	38	A village; supplies procurable in small quantities; indifferent limited water from an iron well near r-s.; extensive site for C-G. S. of the ry. line, but it would have to be cleared of jungle; country dense grass and tree-jungle and inundated in the rains; road, a bridle-path, 8 ft. wide, practicable for carts in dry weather; nullahs temporarily bridged with bamboo; cross the Jamuna on starting, by a small ferry.	
		DIYANG MUKH . . . b.	10	48	A police outpost near the junction of the Kopili and Diyang rivers; no supplies; good water from the rivers; extensive site for C-G. round b., but it would have to be cleared of jungle; country, road and nullahs as above.	
		KATTA . . .	12	60	A halting place; no supplies; indifferent water from a stream, near which an extensive site for C-G. could be cleared; country undulating and hilly, covered with dense tree-jungle; road, a 6-ft. jungle path; nullahs temporarily bridged or fordable; cross the Diyang en route by a small ferry.	
		BANDHA . . . b.	14	74	A village; supplies not procurable; good water from the Diyang, on bank of which and ½ m. from village, is small site for C-G., this could be extended by clearing jungle; country, nullahs and road as in last stage, latter along a ridge.	
		DEHANGI . . . b.	14	88	A small village; no supplies; good water from the Diyang, on bank of which is a small cleared site for C-G.; country hilly and covered with jungle; road, an 8-ft. bridle-path, ascending and descending continually, gradients steep in places; cross the Lenglai (generally fordable) at 10 m.	
		GUNJONG . . .	9	97	Country, road and gradients as in last stage; cross the Diyang on starting, by ford in dry season, by ferry (4 small boats) in the rains.	
	Deputy Commissioner of Cachar, Silchar.	EERALANGDISA . . .	9½	106½	See Route 139.	
		HAF LONG . . .	8	114½		
		BANKU . . .	9	123½		
		HARANGAJU . . .	8	131½		
		LORGHESA . . .	11	142½		
		BARKOLA . . .	9	151½		
		CACHAR or SILOCHAR . . . 800 x 300 yds. p-o. t-s. b.	10	161½	A small cantonment and civil sta. on S. bank of the Barak; supplies on notice; good water from the river; C-G. on the parade ground.	
		Total marches, 15 =				
		161½ m.				

Route No. 524. FROM NOWGONG (ASSAM) TO TEZPUR.

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS
Military	Civil.		Miles.	Total.	
G O C Assam District, Shillong	Deputy Commissioner of Nowgong, Nowgong.	RUPAHI . . .	7½	7½	A village on the Rupahi stream; no supplies; abundant good water from the stream, N. of which is extensive site for C-G, country level and partially cultivated, road 14 ft. wide, unmetalled but practicable for all arms, nullahs and stream bridged but some only temporarily so, cross the Kalang soon after starting, and the Rupahi at end of stage, by ferry
		LAKHOA . . .	10	17½	A village on left bank of a branch of the Brahmaputra, no supplies; good water from the river but in dry season wells would have to be sunk in the bed of the river, S. of which is a spacious site for C-G, covered with grass jungle; country dense reed-jungle; road 8 to 14 ft. wide unmetalled, but suitable for cavalry nullahs and streams as above. During the rains troops can proceed from Nowgong down the Kalang, to the Brahmaputra
		TEZPUR . . .	5	22½	See Route 206. Country under water from June to September; in the cold weather a road is carried for 2 m. across "char" land to the bank of the Brahmaputra opposite Tezpur where a ferry (carrying 80 men) can be obtained on previous notice.
		Total marches, 3 = 22½ m.			

Route No. 525. FROM NOWSHERA TO ABAZAI. via TURANGZAI

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS
Military	Civil.		Miles.	Total.	
G O C Peshawar District, Peshawar	Deputy Commissioner of Peshawar, Peshawar	NISATHA . . . 600 x 170 yds	14	14	A village situated near the junction of the Kabul and Swat rivers, supplies on notice; plentiful water from wells in vicinity of C-G, which is E. of the Swat R. and 1½ m. N. of village. Country level, open and sparsely cultivated, road metalled for first 2 m. only, but good throughout except just beyond Nisattha 5½ m. where it is rough, cross the Kabul R. (180 yds. wide) on starting, by bridge of boats
		TURANGZAI . . . 110,000 sq yds p.o.	8½	22½	A village; supplies on notice, plentiful water from a nullah near C-G, which is E. of road, immediately after passing village; country open and fairly cultivated, road unmetalled but good, pass near Charasda (p-o t.s.) at 4 and Utmanzai at 7½ m.
		ABAZAI . . .	11½	34½	See Route 438. Country and road as in last stage, nullahs only difficult after heavy rain; pass Tangi (p-o) at 7½ m.
		Total marches, 3 = 34½ m.			

Route No. 526. FROM NOWSHERA TO CHIRAT. via JALUZAI

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS
Military	Civil.		Miles.	Total.	
G O C Peshawar District, Peshawar	Deputy Commissioner of Peshawar, Peshawar	PUBBI . . .	11½	11½	See Route 206.
		JALUZAI . . . 16,000 sq yds.	8	19½	A large village, supplies on notice, forage and fuel procurable, plentiful good water from 1 large and 3 small wells in vicinity of C-G, site for which is about 1½ m. S. of village, country partially cultivated, road metalled and suitable for all arms; there is another and shorter road to Jaluzai from Nowshera, but it is narrow and steep
		SHAHKOT . . . p-o	4½	24	A small hamlet, supplies must be collected, plentiful water from a nullah S. of C-G, site for which is on cultivated land near village. Country sparsely cultivated; road metalled for first 3 m. only, but suitable for all arms throughout, cross a deep nullah at 1½ m.
		CHIRAT . . . 65,000 sq yds p-o t.s. b	8	32	A military cantonment, supplies on notice, plentiful good water, carried by mules, from Chapri, about 3 m. from also from a spring 200 yds. W. of, C-G, which is on sloping ground S. of the tonga road, country wild and hilly. Road, only a track, with steep ascents and descents, passable, but very difficult for animals; it follows the bed of a nullah for 1, rises zigzag for 2 m., then through a wild country; pass Chapri at 4 and the Comm. camp at 5 m., whence the ascent to Chirai is by a good road
		Total marches, 4 = 38 m.			

Route No. 527.
FROM NOWSHERA TO KOHAT.
via JALUZAI AND THE KOHAT PASS.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Peshawar, Deputy Commr. of Kohat, Peshawar.	PUBBI . . .	11½	11½	See Route 200.
		JALUZAI . . .	8	10½	See Route 526.
		FORT MACKESON	10	38½	A small isolated fort 60 yds. square, known by the natives as Kishangarh; supplies on notice; good water from a stream ½ m. E. of, and indifferent water from a well in, the fort, S. of which is suitable site for C-G.; country dry and barren; road a mere track for first 7 m., then fair; pass Isphah at 4, and Shamshtatu at 7 m.
		KOHAT . . .	17½	56	
		Total marches, 4 = 56 m.			Country open for first 4 and last 8 m.; a narrow valley intervenes, bounded by high precipitous hills inhabited by independent Afridis; road, good at first, then very stony, in places narrow, and commanded on both sides, crossing several nullahs, suitable for camel and mule transport.

Route No. 527(a).
FROM NOWSHERA TO KOHAT.
via THE KANNAKHEL AND PALOSI PASSES.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Peshawar.	Dr. Commr. of Peshawar, Peshawar.	KANNAKHEL 10,000 sq. yds.	13	12	A small village situated in the middle of the pass; supplies must be collected; water good, but scarce, a small spring S. of village being the only source of supply, would suffice for 1 battn.; only available site for C-G. in a dry nullah; at Amrit, 3 m. beyond, over the <i>Kotal</i> , there is more space; country undulating; road stony and difficult, but practicable for laden animals.
		GARU . . .	10	22	
		LAKH TALAO . . .	13	34	A village; supplies on notice; plentiful water from 10 wells and 2 springs in vicinity of village; ample waste land available for C-G.; country hilly, wild and barren; road, practicable for laden camels, for 2 m. tolerably good, running along the bed of a nullah, it then crosses the Kannaikel <i>Kotal</i> and descends for 2 m. to another nullah, along which it runs for some distance then through the Kharrar to Garu.
		JABAR . . .	12½	46½	
		GUMBAT . . .	12	58½	For other remarks see Route 61. See Route 5.
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	KOHAT . . .	16	73½	
		Total marches, 6 = 73½ m.			

Route No. 528.
FROM NOWSHERA TO MARDAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Peshawar, Peshawar.	MARDAN . . .	16½	16½	See Route 6. Country undulating, with cultivation near the villages; road good, raised, metalled and bridged, except the Kabul which is crossed on starting, by ferry or bridge-of-boats; at 3 m., at Marble Rocks, road enters a small defile; pass Rashaki at 9 m.
		Total marches, 1 = 16½ m.			

Route No 529.
FROM ORAI TO BANDA,
via JALALPUR

ATTENDANCE.		Name of stages and also of encamping grounds.	DISTANCE		REMARKS
Military	Civil.		Miles	Total	
G O C Bundelkhand District, Agm Colt. of Hinds, Banda.	Dy Commr of Sahas, Orai	KARBER 260 x 120 yds.	0	0	A village; supplies on notice; good water from a well (35 ft deep) on O-G, which is N of road and 800 yds E. of village; country flat and open, road unmetalled and impracticable for wheeled transport during the rains.
		PARASSAN .	10	10	A fair-sized village, supplies on notice, good water, for a batta, from a well near village, E of and close to which is site for O-G, country and road as above
	Collector of Hamir- pur, Hamirpur	JALALPUR .	10	20	Country as above, road an unmetalled track, much cut up by nullahs and dis- cult for wheeled traffic at any time impassable in wet weather, pass Chandara at 5 m and cross the Betwa at end of stage, by ford in dry season, by ferry (3 boats, each carrying 30 men) in the rains
		BEWAR .	12	32	See Route 76
		MAUDHA .	13	45	
		SISOLAR	9	54	For other remarks see Route 29.
		BANDA	15	69	
		Total marches, 7 = 75 m			

FROM PABNA TO BOALIA (RAMPUR-BAULEAH).

via LALPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Rajshahi, of Pabna, Boalia. Collector of Rajshahi, Boalia.	DASURIA . . .	13	12	A large village; supplies easily procurable; indifferent water, for a battn., from tanks in the vicinity; site for extensive C-G. in fields, when not flooded; country very low and inundated in the rains; road, 15 ft. to 20 ft. wide, unmetalled but raised and good, suitable for carts; cross the Isamati on starting, by ford in dry season, by ferry (country boats) in the rains.
		LALPUR p-o. . .	13	24	
		CHATARI . . .	11	35	A small village; supplies on notice; water, scarce in dry season, from a tank on the roadside near small site for C-G.; country and road as above.
		SARDA . . .	10	45	
		BOALIA (RAMPUR-BAULEAH). Total marches, 5 = 57 m.	12	57	Country level and cultivated; road and nullahs as above; cross the Baral at end of stage, by ford in dry season, by ferry (1 boat, but others on notice) in the rains. See Route 598. For other remarks see Route 107.

Route No. 531.

FROM PABNA TO BOGRA.

via SHAHZADPUR, SIRAJGANJ AND SHEERPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Bogra, Bogra. Collector of Pabna, Pabna.	ATAIKOLA p-o. . .	13	12	A village; supplies on notice; plentiful good water from wells in the vicinity; site for C-G. in fields; country very low and subject to inundation; road unmetalled, but bridged and suitable for carts; cross the Isamati (fordable except after heavy rain) at end of stage.
		DHULAUJI . . .	7	19	
		SHAHZADPUR p-o. &c. . .	10	29	A large village; supplies procurable; plentiful good water from wells in the vicinity; C-G. in fields; country as above; road a mere track about 8 ft. wide; cross the Baral at 4 and again at Ramhautpur at 6 m., by ferry (4 country boats) at each crossing.
		JAMTOEL . . .	16	45	
		SIRAJGANJ . . .	7	52	Country as before; road, 15 ft. wide, unmetalled, but raised for half the distance thence a mere fair weather track.
		CHANDAIEKONA . . .	15	67	
		SHEERPUR . . .	12	79	See Route 167.
		BOGRA . . .	13	92	
		Total marches, 8 = 92 m.			

Route No. 532.

FROM PABNA TO FARIDPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Faridpur, Pabna, Faridpur. Collector of Pabna, Pabna.	SUJAINAGAR . . .	13	13	A village; supplies on notice; plentiful water from wells and tanks; spacious site for C-G. in fields, when not under cultivation; country low and subject to inundation; road, 15 to 20 ft. wide, neither metalled nor bridged.
		NAZIRGANJ . . .	13	26	
		BITHILA . . .	8	33	Country as above; road bad and frequently flooded.
		NIMTALA . . .	8	41	
		FARIDPUR . . .	8	49	See Route 109.
		Total marches, 5 = 49 m.			

Route No. 533. FROM PABNA TO GOALPARA.

via SHAHZADPUR, SIRAJGANJ, JAMALPUR AND MAHENDRAGANJ.

ADMINISTRATIVE.		Names of villages and size of surrounding grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Pabna, Pabna.	ATAIKOLA . . .	12	12	See Route 531. For other remarks see Route 167.
		DHULAURI . . .	7	19	
		SHAHZADPUR . . .	10	29	
		JAMTORL . . .	16	45	
		SIRAJGANJ . . .	7	52	
	Collector of Mymensingh, Mymensingh.	SUBARNAKHALI . 300x200 yds. p-o. t-s.	11½	63½	A large village near the Jamuna; supplies plentiful; good water from the river, near which, and 400 yds. N.-W. of village, is C-G.; country low and inundated in rains; road, 16 ft. wide, unmetalled, but passable for all arms in dry season; cross the Jamuna soon after starting, by ferry, 2 boats, one carrying 400 and the other 200 mds. The river is about 6 m. broad in the rains, and half that width in the dry season.
		PINGNA . . . 300x200 yds. p-o. t-s.	6	69½	A village near the Jamuna; supplies on notice; good water from the river, on bank of which, and 400 yds. S.-E. of village, is C-G.; country and road as above; nullahs strongly bridged.
		SARSABARI . . . 400x40 yds.	9	78½	A village; supplies on notice; indifferent water, scarce in summer, from a small tank in the kacheri compound and a nullah N. of C-G., site for which is in fields 400 yds. E. of village; country, road and nullahs as above.
		HAJIPUR . . . 100x100 yds.	6	84½	A small village; supplies on notice; good water from the Jhinai R., on bank of which, and 60 yds. E. of village, is site for C-G.; country, road and nullahs as above; cross the Jhinai en route, by ford in dry season, by ferry (1 boat carrying 160 mds.) in the rains.
		JAMALPUR . . .	7	91½	See Route 512. Country and road as above, but latter metalled for last mile.
		SHERPUR-TOWN . . .	10	101½	See Route 515. Country, road and nullahs as above; cross the Brahmaputra on starting, by ferry, and the Mirgi (fordable in dry season) near end of stage.
		SHAMBHUGANJ . 530x530 yds. p-o.	12	113½	A village; supplies on notice; fair water from the Mirgi R., on bank of which, and ½ m. W. of village, is C-G.; country flat and finely cultivated; road, only a fair weather track and not suitable for wheeled traffic; nullahs bridged with bamboo.
		MAHENDRAGANJ . p-o. b.	8	121½	A village on left bank of the Brahmaputra at the foot of the Garo Hills; no supplies; good water from the river, near which is extensive site for C-G.; country to the W., flat, low-lying land, partially cultivated, to the E., the low foot-hills of the Garo Hills covered with thick jungle; road, there is none; in the rains the country is mostly under water, but in dry season all arms could make their way across country.
Deputy Commissioner of Goalpara, Dhubri.	MANAKCHAR . . . 10,000 sq. yds. p-o. t-s. b.	14	135½	A village on right bank of the Darni R.; supplies on notice; good water from a well, water in the river unfit for drinking; suitable site for C-G. near dispensary; country, for the most part, open and cultivated, with patches of light jungle; route lies between the foot of the Garo Hills and the Jinjiram; there are stretches of loose sand and several nullahs to be crossed.	
	KHARABADHA . . . 10,000 sq. yds. b.	12½	148	A village on left bank of the Jinjiram R.; supplies on notice; good water from the river, near which, and in front of b., is site for C-G.; country open and cultivated, generally inundated in the rains; road, 10 ft. wide, unmetalled, but practicable for all arms in the dry season; cross the Darni R. on starting, by ford in dry season, by small ferry in the rains; road is carried over all nullahs on bunds.	
	HAJA HAT . . . 16,000 sq. yds. b.	7	155	A village; supplies scarce; good water from a masonry well (diameter 4 ft.); suitable site for C-G. near b.; country and road as above; nullahs temporarily bridged with bamboo; cross the Jinjiram on starting, by small ferry; pass Singimari village en route.	
	SALMARA-SOUTH . . . 10,000 sq. yds. p-o. b.	9	164	A village; supplies in small quantities; good but limited water from a well in b. compound, near which is suitable site for C-G.; country and road as above; cross the Kharola and Pagla en route, both by ford in dry season, by small ferry in the rains.	
	PAKIRGANJ . . . 20,000 sq. yds. p-o.	6½	170½	A bazar; supplies on notice; good water from 2 wells; suitable site for C-G. W. of bazar; country and road as above.	
	JAMADARHAT . . .	6	176½	Country as above; road, 12 ft. wide, unmetalled, but suitable for all arms, nullahs bridged. See Route 205.	
	LAKHIPUR . . .	18	189½		
BAIDA . . .	9½	199			
		AGIA . . .	10½	209½	
		GOALPARA . . .	8½	217½	See Route 165.
		Total marches, 23= 217½ m.			

Route No. 534.
FROM PABNA TO MYMENSINGH.
via SHAHZADPUR, SIRAJGANJ AND SUBARNAKHALI.

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AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Pabna, Pabna.	ATAIKOLA . . .	12	12	See Route 531.
		DHULAURI . . .	7	19	
		SHAHZADPUR . . .	10	29	
		JAKTOEL . . .	16	45	For other remarks see Route 167.
		SIRAJGANJ . . .	7	52	
	Collector of Mymensingh, Mymensingh.	SUBARNAKHALI . . .	11½	63½	See Route 533.
		GOPALPUR . . . 9,000 sq. yds. p-o. t-s.	7½	71	A village; supplies on notice; fair water from a stream, ½ m. N. of which, and in fields about ½ m. from village, is site for C-G.; country well cultivated and level; road, 15 ft. wide, unmetalled; nullahs strongly bridged, and streams fordable in dry season, small ferries in the rains.
		MADHUPUR . . . 80,000 sq. yds. p-o.	7½	78½	
		GABTALI . . . 200×100 yds.	11	89½	A village; supplies on notice; fair water from the Banar R., on bank of which, and E. of road, is site for C-G.; country covered with jungle and sal trees; road as above; cross the Banar at end of stage, by ford in dry season, by ferry (1 boat) in the rains.
		MUKTAGACHA . . . 500×400 yds. p-o. t-s.	8	97½	
		MYMENSINGH . . .	11	108½	See Route 170. Country and road as in last stage.
		Total marches, 11 = 108½ m.			

Route No. 535.
FROM PACHMARHI* TO PIPARIA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Norbudda District, Jabulpore.	Deputy Commissioner of Hoshangabad, Hoshangabad.	PAGARA . . . 390×230 yds.	7½	7½	A small village; supplies from Pachmarhi on notice; plentiful good water from springs, one being S. of C-G., which is W. of road and N. of village; country hilly and jungly; road metalled and good; gradients easy.
		MATKULI . . . 500×260 yds. p-o. b.	10	17½	
		DUKRIKHHERI . . . 400×260 yds.	7½	25	A small village; supplies on notice; good water, for 2 betins, from a well S. of C-G., which is E. of road and village; country cultivated near Matkuli, afterwards jungly and undulating; road as above. From Dukrikheri an unmetalled cart-road runs N-W. to Sehagpur, on the Jabulpore-Hoshangabad road, distant 12½ m.
		PIPARIA . . . 400×256 yds. p-o. t-s. r-s. b.	7	32	
		Total marches, 4 = 32 m.			A village and small r-s. on the G. I. P. Ry.; supplies on notice; plentiful good water from 2 wells near, and a stream ½ m. E. of C-G., which is E. of road, and 100 yds. S-E. of b.; country undulating and cultivated; road as above. Piparia is about a mile S. of Hathwa on the Jabulpore-Hoshangabad road, and Bankheri r-s., on the same road, is connected with Piparia by a good unmetalled road, 1¼ m. long. * For a road from Pachmarhi to Kempten, see Bombay Route Book 215.

Route No. 536.
FROM PACHMARHI TO SOHAGPUR.
via DUKRIKHHERI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Norbudda District, Jabulpore.	Dr. Commr. of Hoshangabad, Hoshangabad.	PAGARA . . .	7½	7½	See Route 535.
		MATKULI . . .	10	17½	
		DUKRIKHHERI . . .	7½	25	
		SOHAGPUR . . .	12½	37½	See Route 305. Country open and cultivated; road a good unmetalled cart-road; nullahs fordable in dry weather only.
		Total marches, 4 = 37½ m.			

Route No. 537.
FROM PESHAWAR TO CAMPBELLPUR.
via THE KANNAKHEL PASS.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Peshawar District, Peshawar.	Dr. Commissioner of Peshawar, Peshawar.	UMAR PAYAN . . .	11	11	A large village; supplies on notice, plentiful good water from wells, and (for animals) from a stream near C-G, site for which is close to village; country level and cultivated as far as Pandu (6 m.), thence a stony plain; road unmetalled, but good and suitable for wheeled traffic; pass through Kabul gate of Peshawar city, and leave it by Ganj gate at 3½, cross a branch of the Barn (always fordable) at 5, and the river itself at 7, by bridge 800 yds below ford, pass Bala at 9 m. and cross a nullah (fordable) immediately afterwards.
		JALUZAI . . .	6½	17½	
		KANNAKHEL . . .	12½	90	
		KAHI . . .	10	40	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. Dy Commr. of Peshawar, Kohat.	KAWA . . .	10	50	Country as in last stage; road stony and rough, but practicable for laden animals; enter a series of nullahs at 4, pass a well and spring of good water at 5½, leave nullahs at 7 m., and enter pass at end of stage.
		DHER . . .	8	58	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dr. Commr. of Rawal Pindi, Rawal Pindi.	CAMPBELLPUR . . .	9	62	A small hamlet on right bank of the Indus; supplies on notice; good water from the river, close to which, and N. of village, is site for C-G; country intersected by ravines; road as before.
		Total marches, 7=	62 m		

Route No. 538.
FROM PESHAWAR TO CHIRAT.
via CHANKANI.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Peshawar District, Peshawar.	Deputy Commissioner of Peshawar, Peshawar.	From the Church to CHANKANI . . .	9½	9½	A village, supplies on notice; well prior unfit for drinking, good water from the Zindai nullah, just across which, on an open plain, is extensive site for C-G.; country level, open and cultivated; road unmetalled, but passable for all arms; pass round the fort and leave the city walls at 4½, cross the Barn R. at 6½ and the Zindai nullah (800 yds. wide) at 8 m., by entering the city of Peshawar at the Kabul gate, instead of passing round the walls, 1 m. can be saved.
		JALUZAI . . .	11	20½	
		SHAHKOT . . .	4½	24½	
		CHIRAT . . .	8	32½	
		Total marches, 4=	32½ m		

Route No. 538(a).
FROM PESHAWAR TO CHIRAT.
via PUBBI.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Peshawar District, Peshawar.	Dr. Commr. of Peshawar, Peshawar.	PUBBI . . .	15	15	See Route 280.
		JALUZAI . . .	8	23	
		SHAHKOT . . .	4½	27½	
		CHIRAT . . .	8	35½	
		Total marches, 4=	35½ m		See Route 526

Route No. 539.
FROM PESHAWAR TO JAMRUD.

333

AUTHORITIES.		Names of stages and size of encampment grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Deputy Commr. of Peshawar, Peshawar.	JAMRUD p-o. t-s.	9	9	A fort 2½ m. from the Shadi Baghler entrance to the Khyber pass, with barracks for 500 sepoy and a small hospital; supplies on notice; plentiful good water from masonry tanks; space for C-G. on all sides of the fort; country at first cultivated, afterwards a stony and undulating plain; road, metalled and bridged for about 4 m., thence a broad firm track, passable for all arms; pass Hari Singh-ka-Barj at 4. Kacha Garhi police post at 6, and cross the Jamrud nullah (usually dry) at 8½ m. As far as Hari Singh-ka-Barj the road is a double one, the two roads running parallel to each other, and a few yards apart; both are bridged, but only one is metalled.
		Total marches, 1=9 m.			

Route No. 540.
FROM PESHAWAR TO KOHAT.
via THE KOHAT PASS.

AUTHORITIES.		Names of stages and size of encampment grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Peshawar, Peshawar.	MATANNI 53,000 sq. yds. b.	14	14	A village; supplies procurable; plentiful good water from 2 wells, and from a spring ½ m. from C-G., which is N. of police stn. and E. of road; country well cultivated for first 8 m., thence barren until near Matanni; road unmetalled; leave the cantonments by the Sudder Bazar, cross the Bara R. (bridged) at 4½, again at 6½ and pass Badabbir at 8 m., where is a good site for encampment.
		AIMAL CHABUTRA 400×400 yds. b.	6	20	
		KOHAT	18	38	See Route 5. Country hilly and wild; road unmetalled, but fairly good to Sanda Basta, 7 m., thence for about 4 m. along the stony bed of a dry nullah, till the foot of the pass, thence to crest road precipitous; reach the Kohat Kotal (water obtainable) at 12½ m., up to which point a narrow valley commanded by precipitous hills is passed through; descent from the Kotal steep; road practicable throughout for cavalry, infantry and mountain artillery.
		Total marches, 3=38 m.			

Route No. 540(a).
FROM PESHAWAR TO KOHAT.
via JALUZAI, THE MIRKALAN AND PALOSI PASSES.

AUTHORITIES.		Names of stages and size of encampment grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Dy. Commr. of Peshawar, Peshawar.	CHANKANI	9½	9½	See Route 538. For other remarks see Route 538.
		JALUZAI	11	20½	
		GARU	15	35½	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Kohat, Kohat.	LAKH TALAO	12	47½	Country hilly, wild and barren; road neither metalled nor bridged, but hard and stony, passable for cavalry, with varies from a mere cart-track to a wide road; the road passes over undulating ground for 5 m.; cross the Nowshera road in the bed of the Kammakhal ravine at 10 m., and pass the village of Kammakhal, whence the ascent (gradual) to the Bora Gashu Kotal begins; the descent is steep for 1½ m. See Route 527 (a).
		JABAR	12½	59½	
		GUMBAT	12	71½	
		KOHAT	15	86½	See Route 5. See Route 51. For other remarks see Route 5.
		Total marches, 7=86½ m.			

Route No. 540(b).
FROM PESHAWAR TO KOHAT.
via THE ZHAWAKI PASS.

AUTHORITIES.		Names of stages and size of encampment grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Dy. Commr. of Peshawar, Peshawar.	MATANNI	14	14	See Route 540.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles.	Total	
G. O. C. P. P. Koros, Abbottabad. By Command of Kohat, Kohat.	Afghani Territory.	TARUNI . . .	12½	26½	A village commanded by hills on both sides, water from the village of Kohat, distant 1 m. after leaving Azakhel at 4½ m. the road continues good for guns to the entrance of the pass 5½ m. further, it then passes into a low range of hills which commands it, they are, however, broken and afford very little cover; further on, the road runs along a dry nullah, in places narrow for guns and gradually ascends to the top of a <i>kofat</i> , commanded by hills on the right, the descent is rough and impracticable for guns, the road then takes a bend to the right, and passing Kohat, leads to Taruni.
		PUSTAOONI . . .	5½	32½	A small village built on a small hill, and situated about 400 yds from the road; a little valley joins in from the E., limited water from a distant spring, leaving Taruni the road turns to the right, and the pass widens to about 800 yds., here there is as much cultivation as the ground will admit of; the hills assume a steeper and more rugged appearance, but the road is good, a short distance beyond however, spurs from the hills nearly join, and present a serious obstacle to guns; the road then skirts the foot of the hills to the left, and reaches Bari (water procurable) at 2 m., this village is divided into 3 parts, 1 to the right of the road, the second on the road, and the third further on at the mouth of a very difficult pass, after passing the third part the road enters a defile 20 yds. wide, the hills on both sides being high, much broken, and covered with brushwood, a few men stationed on these would stop a force for a long time, at 1½ m. from Bari the road turns to the left, and commences a steep, difficult ascent 1½ m. in length, commanded on both sides; the descent is by the left hill, and though it is a little easier than the ascent, it is longer and more tortuous, and is commanded by the hill down which it runs, the road then turns to the right and skirts the foot of the right hill, the left being distant about 800 yds.
		JAMMU . . .	9½	41½	A village divided into 6 or 7 parts and defended by towers, situated in a well cultivated valley about 2 m. in length, water from wells and from the stream which runs through the valley, from Pustooni the road for some distance is pretty fair, skirting the foot of the hills to the right for about 1½ m., the valley then narrows and the road runs along the dry bed of a nullah, commanded on both sides, the valley is thickly wooded, and the road is in this part very bad, the small village of Oul is passed at 2½ m., it is situated in a valley about 500 yds. broad, the road continues in the nullah, but on leaving Oul it ascends gradually and reaches the summit of the <i>kofat</i> , beneath which there is a deep ravine, the descent for about 1 m. is by a long zigzag on the left side; the road then crosses and re-crosses the ravine and runs down a pass 20 yds. wide, with rocks on both sides 300 ft. high, extremely steep bars and unbroken, and perfectly impracticable for man or beast, throughout the path is very rough and stony.
		TURKI . . .	6½	48½	A village divided into several parts, all defended by towers, water from wells, leaving Jammu the road traverses a valley about 1½ m. broad, passing some low steep hills and several towers, and crossing some difficult nullahs; at 2½ m. the village of Bugh is passed, it is divided by a nullah into 2 parts, one called Tundai both situated on hills and both defended by towers, from Bugh the road turns sharp round to the right under the hill on which Tundai is built, the left being an open plain, covered with stones and low jungle, at 3½ m. a small nullah is crossed; the road then skirts a hill which forms the right of a small valley, ½ m. further on this hill runs back, forming the right side of another valley, after which the hills gradually recede, and the road improves until it crosses the Kishukkie nullah, impassable after heavy rains, thence to Turki it is good but stony.
		KOHAT . . .	14½	63½	See Route 5 Country as before, road tolerably good and fit for guns, pass Thug at 8½ m.
		Total marches, 6=			
		63½ m			

Route No. 541.

FROM PESHAWAR TO MARDAN.

and NISATHA

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Peshawar District, Peshawar.	Deputy Commissioner of Peshawar, Peshawar.	From the Church to NISATHA . . .	10½	16½	See Route 525 Country level, open and well cultivated; road metalled for the first 6½ m. thence unmetalled but good, pass by the fort and leave the Trunk Road at 3½, pass Harguni at 6½, ford the Bari (difficult but passable for guns) at 10 m. and cross the Kabul R. at end of stage, at the Dohandi ferry (3 boats holding 3 men each) just below its junction with the Swat R.
		MARDAN . . .	10	26½	See Route 6 Country as above, but sparsely cultivated, road good as far as Douchra, 7½ m. thence much cut up, but passable for all arms, at 1 m. a road branches off N to the Swat country and another S E to Nowshera
		Total marches, 2 = 26½ m			

FROM PESHAWAR TO MARDAN.

via SHABKADAR, ABAZAI AND UTMANZAI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Deputy Commissioner of Peshawar, Peshawar.	KABUL RIVER Left bank of— 800×1,000 yds.	10½	10½	Encamp on left bank of the Naguman, a branch of the Kabul R.; supplies should be taken from Peshawar; plentiful good water; country level, open and cultivated; road very fair; leave the Trunk Road by the fort at 2½, cross the Badai canal (bridged) at 4, the Shah Alam (bridged) at 7 m., and the Kabul at end of stage, by ferry.
		SHARKADAR 1,000×1,000 yds. p-o.	8½	18½	A fort on right of road, village to left; supplies on notice; water plentiful from 2 wells; country as above; road unmetalled but very good; cross the Kabul R. (fordable except after heavy rain) at 2½, and pass Uchawala at 5 m.
		ABAZAI	7½	26	See Route 438. Country cultivated; road as in last stage; pass Mutia at 4 m. and cross the Swat (there is a difficult ford below fort) at end of stage by ferry.
		UTMANZAI 750×700 yds.	18½	39½	A large village; supplies on notice; water from the Swat R., near which is site for C-G.; country fairly cultivated; road good; nullahs only difficult after very heavy rain; pass Tangi (p-o.) at 8½, and Turangzai, on the Nowshera-Abazai road, at 1½ m.
		MARDAN	16½	55½	See Route 6. Country level and open, with little cultivation; road very fair, but latter half bad after rain; pass Dargai at about 7 m.
		Total marches, 5 = 55½ m.			

Route No. 541(b).

FROM PESHAWAR TO MARDAN.

via MICHNI, ABAZAI AND UTMANZAI.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar. G. O. C. P. F. Force, Abbottabad.	Deputy Commissioner of Peshawar, Peshawar.	From the Church to MICHNI . .	15½	15½	A mud fort near the Kabul R.; supplies must be collected; good water from the river and a well in the fort, close to which is a good site for U-G.; country level, open and fairly cultivated; road fair; nullahs difficult after heavy rain; pass Dargangi at 8½, Muttra at 8½, and cross the Kabul at 19½ m., by ferry, one boat. Country as above; road only a track. For other remarks see Route 438. See Route 541(a). For other remarks see Route 6.
		SHABKADAR . .	7½	23	
		ABAZAI . .	7½	30½	
		UTMANZAI . .	18½	43½	
		MARDAN . .	16½	59½	
		Total marches, 5=			
		59½ m.			

Route No. 542.

FROM PURULIA TO BARAKAR RAILWAY STATION.

via RAGHUNATHPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Port William.	Colr. of Bardwan, Bardwan.	JHAPRA . .	14	14	A small village; supplies on notice; good water from tanks $\frac{1}{2}$ m. N-W., and a nullah about $\frac{1}{2}$ m. N. of C-G., extensive site for which is in fields $\frac{1}{2}$ m. E. of village; country undulating and well cultivated; road, 24 ft. wide, metalled and bridged, suitable for all arms; pass Katra at 8 m.
		RAGHUNATHPUR	11	25	See Route 315. Country and road as above.
		INGANPUR . .	12	37	A small village; supplies on notice; indifferent water (scarce in dry season) from a tank $\frac{1}{2}$ m. N. of village; camp anywhere round village; country and road as above.
		BARAKAR RY. STN. p-o. t-s. b.	8	45	A terminus of the E. I. Ry.; supplies on notice; good water from wells $\frac{1}{2}$ m. W. of C-G., site for which is on high land E. of road and near the Barakar R. (river water good in dry weather); country and road as above; cross the Damodar at 5 m., by ford in dry season, by ferry (2 boats, each carrying 25 mds.) in the rains.
		Total marches, 4=			
		45 m.			

Route No. 548.
FROM PURULIA TO CHAIRASSA
via SARAIKELA

AUTHORITIES		Name of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O O Presidency District, Fort William	Deputy Commissioner of Manbhum, Furlia Deputy Commissioner of Singhbhum, Chhaisa.	KANTADIH . 40 000 sq yds r-s	9	9	A small village, supplies on notice; good water abundant, except in hot season from a tank and streams about 400 yds. E. of O-G., which is on open high land close to r-s. and about 1/2 m S of village, country cultivated and good; road 20 ft wide unmetalled but good and fit for all arms, crosses the Kora (fordable, except after heavy rain) at 3 m
		BALRAMPUR 500 x 400 yds r-s	9	18	A large village and police post supplies on notice, unlimited good water from a very large tank 1/2 m. S-E of village, about 200 yds. N of which is O-G. country undulating and well cultivated, road as above, streams and nullahs fordable, except after heavy rain
		ADARDI 40,000 sq yds.	8	26	A small village, supplies must be collected, indifferent water from tanks with 1/2 m. of O-G which is on high land 1/2 m. E of village, country road and nullahs as above
		CHANDIL 500 x 400 yds. p o. r s b	8	34	A large village and police station supplies on notice, good water (scarcy in dry weather) from masonry wells in police area and in b compound water also from a well 1/2 m S of O-G, which is 1/2 m. of and close to village, country, road and nullahs as above
		BUGHUNATHPUR.	6	40	A small village, supplies must be collected, water from a tank and stream good site for O-G near village, country undulating and jungle, road, 20 ft wide unmetalled, but gravelled and fit for all arms, nullahs as above, but not strongly bridged; cross the Subarnika R. at 5 m, by ford in dry season, by ferry (2 small dug-outs) in the rains
		MANDIA .	8	48	A small village supplies on notice, abundant good water from tanks 160 yds. N of O-G, small site for which is 500 yds. N of village, country and road as above, nullahs as in last stage, pass Kandra r-s at about 2 m
		SARAIKELA	8	56	Country, road and nullahs as above; cross the Sanjay (fordable, except after heavy rain) at about 2 m.
		THOLKO	5	61	See Route 81
		CHAIBASSA	8	69	
		Total marches, 8 = 68 m			

Route No. 544.
FROM RAE-BARELI TO GONDAH.
via DARYABAD, BAHRAMGHAT, AND COLONELGANJ.

337

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Rae-Bareli, Rae-Bareli. Deputy Commissioner of Bana-Banki, Bana-Banki.	MAHARAJGANJ 50,000 sq. yds. p-o. b-a.	10	10	A village; supplies procurable; plentiful good water from a well near C-G., which is close to village; country level, open and well cultivated; road raised, bridged and practicable for all arms, but only metalled for first 3 m.; cross a nullah at 8 m.
		LAHI 500 x 250 yds.	11½	31½	A village; supplies scarce; good water, for a battn., from a well on C-G., which is E. of road; country as above; road as in latter part of last stage, but liable to floods during the rains.
		AKHIPORA 17,416 sq. yds.	10	31½	A village near right bank of the Gumti; supplies scanty; good water from a well on C-G., site for which is ½ m. from the river, where animals might be watered; country and road as above; pass Haidargarh (p-o.) on the Lucknow-Sultanpur road at 4½ m.
		BHANPUR 10,000 sq. yds.	10½	41½	A small village; supplies procurable; good water, for a battn., from 2 wells near C-G., site for which is E. of road and close to village; country and road as above; cross the Gumti on starting, by bridge-of-boats in dry season, by ferry in the rains, the Bari at 5, pass Surajpur, on the Fatehpur-Fyzabad road, shortly afterwards, and cross the Nagia nullah at 8½ m.
		DARYABAD 310 x 110 yds. p-o. r-a.	9	50½	A good-sized town; supplies procurable; good water, for 2 battns., from 3 wells, one on, and the others near C-G., which is close to town; country as before; road as above for first 3 m., thence raised, metalled and bridged; cross the Kallani Nadi at 4½ and the ry. line near Daryabad r-a. at 6½ m.
		BADOSARAI 10,000 sq. yds. p-o.	10	60½	A village; supplies scarce; good water, for a battn., from a well on C-G., which is N. of road and near village; road unmetalled, but raised and bridged, difficult for wheeled traffic during the rains; pass Adra at 6 m.
		BAHRAMGHAT	9½	70½	See Route 411. Country and road as above; pass Bannagar (p-o.) at 6½ m. There is a direct road from Badosarai to Bahramghat, but it is impracticable for wheeled traffic.
		CHITAUNI	8½	78½	
		COLONELGANJ	7	85½	

10 of	GONDAH	7	101½	For other remarks see Route 270.
	Total marches, 11 = 101½ m.			

Route No. 545.
FROM RAE-BARELI TO SULTANPUR.

via JAIS.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Rae-Bareli, Rae-Bareli. Dr. Commr. of Sultanpur, Sultanpur.	FURSATGANJ (SAHUTGANJ). 180 x 180 yds.	11	11	A small town; supplies procurable; abundant good water from a well on C-G., site for which is W. of road, ½ m. from Fursatganj, and called Brahmini; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms throughout the year; cross the ry. at 3 and the Naya nullah at 6 m.
		JAIS	9	20	See Route 273. Country and road as above, latter parallel to the proposed line of the Lucknow-Rae-Bareli and Benares Ry.; cross a large nullah at 6 m.
		GAURIGANJ.	10	30	See Route 419. Country and road as in last stage; cross two nullahs en route.
		DHAMAU 43,000 sq. yds. p-o.	15	45	A large village; supplies procurable; plentiful good water from 3 wells on C-G., which is on both sides of road; country mostly jungle, with cultivated patches here and there; road as above, except for the first half of the stage, when it is unmetalled though raised and bridged.
		SULTANPUR	10	55	See Route 31. Country fairly cultivated; road as in latter part of last stage; pass Bankipur at 6 m.
		Total marches, 5 = 55 m.			

FROM RAJANPUR TO SUKKER as far as SHAHWALI (for remainder, see Bombay Route Book No. 489)

via THE DISTRICT ROAD

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dem Ghazi Khan, Dem Ghazi Khan	MITHANKOT p-o b	10½	10½	<p>NOTE—This route should only be used after consultation with the civil authorities on the state of the road. It is practically impossible from June 1st to October 15th, as the Indus floods the road in many places.</p> <p>A town on right bank of the Indus supplies plentiful abundant good water from many wells in the town adjoining which is waste land suitable for O-G country level, open and well cultivated, road, 16 ft. wide unsurfaced but passable for all arms.</p> <p>A village; supplies procurable, plentiful good water from numerous wells with easy reach of C-G which is near village and on ground impregnated with saltpetre; country and road as above but latter narrower.</p> <p>A village in the territory of the Mazari tribe, supplies procurable water plentiful but brackish, from several wells in the village, near which is O-G, country impregnated with saltpetre and liable to be flooded in hot weather; not as above, cross the Kadra canal (unbridged) en route, by ford, difficult to cross when flowing full in summer months.</p> <p>A town about a mile E of New Rojhan, supplies fairly abundant; water plentiful but brackish, from several wells in the village, where there is a good site for O-G, but which is liable to inundation in high floods, country as above road as before but no bridges and traffic may be suspended for 3 or 4 days after heavy rain, pass Balh at 5 and M Ranpur at 9 m.</p> <p>A small Mazari village near right bank of the Indus, supplies scarce, good water from the river and wells in village, near which is ample waste for O-G country barren, above the high bank of the Indus, road as before.</p> <p>A Mazari village and police station, near right bank of the Indus, supplies scarce, good water from the river, close to which is site for O-G, country and road as before.</p>
		MURGHAI 220 x 220 yds. b	6	16½	
		UMARKOT 41 140 sq yds. p-o.	10	26½	
		ROJHAN p-o. t-s b	13	39½	
		KIN	7	46½	
		SHAHWALI p-o.	16	62½	
		Total marches, 6 = 62½ m			

Route No. 547.

FROM RAJMAHAL TO SIMRA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Presidency District Fort William	Deputy Commissioner Simhal Parganas Dumka	TINPAHAR	8	8	<p>Country open and cultivated, road unsurfaced, partly bridged, 16 ft wide, fit for all arms in dry weather only.</p> <p>(See Route 106)</p> <p>For other remarks see Route 53</p>
		BARIO	11	19	
		BOARJORE	8	27	
		SIMRA	10	37	<p>A small village no supplies; indifferent water from a tank, site for extensive C-G W of village, country hilly, road as before; the Maroha Ghat is crossed in this stage.</p> <p>See Route 73</p> <p>Country more open and cultivated; road as before</p>
		Total marches, 4 = 37 m			

Route No. 548.

FROM RANGAMATI TO LAMA (CHITTAGONG HILL TRACTS).

via BANDARBAN AND RUMA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Presidency District Fort William	Deputy Commissioner Chittagong Hill Tracts Rangamati	RAIFUNG	21	21	<p>A halting place; supplies must be collected, good water from the Kornafuli R, on bank of which space could be cleared for C-G; country mostly hilly and very jungly; there is no road and the route is by the Kornafuli.</p> <p>A small village supplies must be collected, good water from the river, by which the route is taken, there being no road, C-G and country as above.</p> <p>Country as above, route by river.</p> <p>See Route 150</p>
		KAPTAI	20	41	
		CHANDERGONA	13	54	
		BANDARBAN	20	74	
		RUMA	13	87	
		LAMA	30	117	
		Total stages, 6 = 117 m			

Route No. 549.
FROM RANGPUR TO COOCH-BEHAR.
via MOGALHAT.

339

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rangpur, Cooch-Bihar.	KALIDOHAR-GHAT p-o. t-s.	10½	10½	A small village on S. bank of the Tista; supplies on notice; good water from the river and temporary wells; site for C-G. in hot weather and rains at 9th mile, in cold weather ½ m. beyond village on an old "ohur" of the river; country flat, open and cultivated; road metalled for first 8½ m. only, but fit for all arms; all nullahs strongly bridged.
		MOGALHAT . 10,000 sq. yds. p-o. t-s. r-s. h.	18½	27	
		DINHATA . 70,000 sq. yds. p-o. b.	11	38	An important village; supplies on notice; plentiful good water from a large well and tank about ½ m. N. of, and from a small well and tank ½ m. S. of C-G., which is near village; country flat, open, well cultivated and populous; road, 20 ft. wide, unmetalled, but fit for all arms; nullahs strongly bridged.
		COOCH-BEHAR .	19	57	
		Total marches, 4 = 51 m.			See Route 335. Country as above; road level, 20 ft. wide, and metalled for 1 m. only, but fit for all arms; nullahs as before; cross the Nona Mansai en route, by ford, except from June to September, when rafts are available, and the Toron H. (unfordable) at 2½ m., by a ferry of rafts; a bridge over the latter river is being erected.

Route No. 550.
FROM RANGPUR TO DARJEELING.
via TANGAMARI AND TITALYAH.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rangpur, Berhampur.	KHILALGANJ .	12	12	} See Route 340.
		TANGAMARI .	18	25	
		DUGDUGIE . 12,000 sq. yds.	13	38	
		MARKA . 10,000 sq. yds.	12½	50½	
	Deputy Commissioner of Jalpaiguri, Jalpaiguri.	POCHAGARH . 50,000 sq. yds.	12½	68	A small village; supplies on notice; wells would have to be sunk for water; site for C-G. in open fields; country cultivated; road, 15 to 20 ft. wide, unmetalled; cross the Jamuneswari R. on starting, by ford in dry season, by ferry (1 raft) in the rains, and other streams by ford in the dry weather; pass Charohambati at 5½ m.
		BHAJANPUR .	12	75	
		TITALYAH .	10	85	
		SANNASIKATA .	7	92	
	Deputy Commissioner of Rangpur, Darjeeling.	SILIGURI .	8½	100½	A large village; supplies on notice; abundant water from wells, tanks and streams in vicinity of C-G., which is in open fields; country and road as above; cross a nullah (difficult during the rains) near end of stage. Road, 13 to 14 ft. wide, unmetalled, but raised; country cultivated; cross the Karti stream at 2 m., and again at Bhajanpur, fordable except during flood; no ferry; two small nullahs unbridged.
		KHAPRAIL .	7	107½	
		BISARBATI .	6½	114	
		KURSEONG (RIFLE RANGE).	6	120	
		SONADA .	10	130	
		DARJEELING .	10	140	
		Total marches, 14 = 140 m.			See Route 335.

Route No. 551.
FROM RANGPUR TO GOALPARA.
via BAGWA AND HAJA HAT.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rangpur, Rangpur.	HARODANGA 10,000 sq. yds.	15	15	A small village; supplies on notice; abundant good water from a stream, on bank of which is site for C-G.; country level, open and cultivated; road, 25 ft. wide, raised and metalled for 4½ m. only; cross the Ahikuri Nadi, two canals, and several small nullahs en route, by strong bridges.

AUTHORITY		Name of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort Williams.	Collector of Rangpur	ULIPUR p-o b	11	26	A large village, supplies procurable, plentiful good water from 2 large wells and a tank close to b, small site for G G in kaobari compound; country as above road, 15 to 18 ft wide, unmetalled; all bridges are capable of bearing artillery, cross the Bamnikunda (fordable in dry season) and the Tista during first half of the stage, by ferry
		RAGWA 50,000 sq. yds.	8	34	A village on right bank of the Dharla supplies procurable, good water from the river, on bank of which is site for G-G; country as before; road 15 ft. wide, neither metalled nor bridged, cross the Bamol B, towards end of stage, by ford in dry season, by ferry (1 small raft) in the rains
		HAJA HAT	16	50	Country to a great extent under water in the rains, no regular road, but in the cold weather there is a track passing over sand nearly the whole way; cross the Dharla on starting, by ferry (4 large boats) the Brakshaputra soon afterwards, by ferry (2 boats, carrying 16 men each) and the Sonban towards end of stage by ferry (2 boats, carrying 20 men each), thence the track continues until the road is reached at 12 m., near Singmara.
	Deputy Commissioner of Goalpara, Dibrugarh	SALMARIA SOUTH	0	50	See Route 533.
		FAKIRGANJ	0½	50½	For other remarks see Route 503.
		JAMADANHAT	6	71½	
		LAKHIPUR	18	84½	See Route 205
		BAIDA	0½	84½	
		AGIA	10½	104½	See Route 165
		GOALPARA	8½	112½	
		Total marches, 11 = 112½ m.			

Route No. 551 (a).
FROM RANGPUR TO GOALPARA.
 and DHUBRI

AUTHORITY		Name of stages and site of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort Williams	Collector of Rangpur	KEROWA 10,000 sq yds.	9	9	A small village, no supplies, good water from the Manas stream, near which is site for G G; country flat and cultivated, road, 16 ft. wide, metalled for first 2½ m. only, nullahs bridged, but bridges unsuitable for artillery
		MRITTINGOA (BARAGARI) 10,000 sq yds p-o	10	24	A large village, supplies on notice, no water to be had except by sinking wells, site for G G in fields; country as above; road, 15 to 20 ft wide, neither metalled nor bridged, but raised across the Almas (by ford or ferry), the Tista (by steamer ferry carrying 200 men) and the Bari Tista (by ford or ferry or by bridge) en route.
		DASERHAT 15,000 sq yds	9	33	A village, supplies on notice; no water, wells would have to be dug, site for G G E of the road in open fields; country and road as above, nullahs strongly bridged; cross the Khola Nadi (dry in dry weather) en route, by a raft in the rains
	Deputy Commissioner of Goalpara, Dibrugarh	NAGESHWARI 15,000 sq yds p-o	10	43	A large village, supplies on notice, wells must be dug for water, site for G G in open fields; country and road as before; nullahs bridged, cross the Dharla towards Singmara, by a small boat, with a ferry (several boats)
		PATANARI	10	53	Country low and partly under water in the rains, road, a mere track, about 10 ft wide, unfit for all arms, difficult on account of the numerous nullahs and rivers met with, which are crossed by ford or ferry
		DHUBRI	10½	63½	See Route 165(a)
		JAMADARHAT	9	72½	For other remarks see Route 161
		LAKHIPUR	13	85½	See Route 205
		BAIDA	0½	86	
		AGIA	10½	96½	See Route 165
		GOALPARA	8½	105½	
		Total marches 11 = 112½ m			

FROM RANGPUR TO TURA, in the Garo Hills.

via MANKACHAR.

AUTHORITIES.		Names of stages and sites of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William	Collector of Rangpur, Rangpur.	HARODANGA . . .	15	15	See Route 551.
		ULIPUR . . .	11	26	
		BAGWA . . .	8	34	
G. O. C. Assam District, Shillong.	Dy. Commr. of Garo Hills of Gwalpur, Dimbri.	RAHUMARI . 10,000 sq. yds. b.	11	45	A village on right bank of the Brahmaputra; supplies on notice; good water from the river, near which is site for C-G.; country open; there is no regular road, but the route may be accomplished by water, embarking in country boats (obtainable on notice) at Bagwa on the Dharla, latter a branch of the Brahmaputra.
		MANKACHEAR .	6	51	See Route 553. Country open and well cultivated; road, 10ft. wide, unmetalled, only a fair weather track; cross the Jijima about half-way, by ford in dry season, by ferry (2 boats, each carrying 16 men) in the rains.
		GAROPADHA . b.	12	63	A small village near the Ganol; supplies scanty; good water from the river, on bank of which, and in the market place, is small site for C-G.; country hilly with large, level, cultivated spaces; road, an unmetalled cart track, 12 ft. wide; all nullahs and streams are bridged with wooden and bamboo bridges.
		DAMALGIRI . b.	8½	71½	A small village near the Kalo; no supplies; good water from the river, on bank of which, and near b., is site for C-G., but jungle would have to be cleared; country as above for first 4 m., then the hills become higher and are covered with dense jungle; road as before, gradient 1 in 20; nullahs bridged; cross the Ganol en route, by ferry carrying 20 men.
		TURA . . .	11	82½	See Route 515. Country, road, and nullahs as above.
		Total marches, 8 = 82½ m.			

Route No. 553.

FROM RANIKHET TO LANDOUR.

via BUNGIDHAR, PAURI, AND TEHRI.

AUTHORITIES.		Names of stages and sites of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Dy. Commr. of Kumaon, Almora.	DWARAHAT .	13	13	Country mountainous; road, 8 to 10 ft. wide, unmetalled, descends for 5 m., where the Gages R. (bridged) is crossed, thence an easy ascent to the plain, on which the Dwarahat b. is situated; join the road from Almora towards end of stage. For an alternative route from Ganai to Srinagar, see Route 40(b).
		GANAI .	8½	22½	
		DEGHAT .	11½	34½	
		BUNGIDHAR .	9½	44½	
	Dy. Commr. of Garhwal, Pauri.	KAINUR .	14	57½	See Route 40.
		SAKUANA .	8	65½	
		SINKHET .	10½	76½	
		PAURI .	10½	86½	
	Commr. of Kumaon, Almora.	SRINAGAR .	8	94½	
		TAKOLI .	13	107½	
		TEHRI .	11½	119½	
		KAURIAGALLA .	11½	131	
G. O. C. Meerut District, Meerut.	Supt. of Dehra-Dun, Dehra-Dun.	DHANAUTI .	13	144	
		LANDOUR .	13½	157½	
		Total marches, 14 =		157½ m.	

FROM BANIKHET TO THE SHALSHAL PASS, on the Tibetan Frontier.

and BAGESAR, PHARKIA, AND THE MILAM PASS

AUTHORITIES		Name of stages and size of encamping-ground	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Rehtigund District Bareilly	Assistant Commissioner of Almora	From the Saddar Post to— MAJKHALI 30,000 sq yds b	8½	8½	A small village, supplies on notice; wood plentiful, good water from streams close by C-G which is near village; country mountainous with cultivation and forest, road, a metalled cart-road, in thorough repair, with easy gradients, nullahs bridged, pass Dulikhel at 1½ and Rani Malla at 7 m
		SOMESWAR . p-a b	18½	27½	A small village near the Kosi elevation 4,300 ft., supplies on notice, wood plentiful; good water from the river, in folds on bank of which is extensive site for C-G; country as above, until the highly cultivated valley of the Kosi is reached, road for first 4 m as before, with a good bridle path running parallel to but above it, thence a good bridle-path ascending and descending alternately gradients steep in places; pass the road to Jaynath distant about 12½ m N, at end of stage
		BAGESAR p-a b	15	36½	A large village, situated at the junction of the Sarju and Gomati rivers elevation 8,100 ft.; ample supplies on notice good water from the river, near which is site for C-G country cultivated, road as in latter part of last stage; stream fordable, cross the Kosi (fordable) at 1, the Gomati at 14½ m, and the Sarju at end of stage the 2 latter by suspension bridges At Bagesar a large annual fair is held in January
		KAPKOT . b	19½	56½	A small village near the Sarju, no supplies; wood and good water plentiful, the latter from the river, close to which is extensive site for C-G; country a large, open valley, well cultivated and enclosed by steep, wooded hills, which get gradually narrower, till, at Kapkot the valley is only about ½ m wide; road as in last stage, rising slightly as it follows the river; streams bridged.
		LOHARKHET 25,000 sq yds p-a b.	12½	69½	A small village supplies on notice, wood and good water plentiful, the latter from a stream, near which is site for C-G; country and road as in last stage, latter steep in places, nullahs bridged or fordable, cross the Sarju (suspension bridge) at 2 and again at 10 m, bridge here is in bad repair, but the river is fordable, after crossing ascend by steep zigzags to the village
		DAUKARI b	6	68½	A halting place, elevation 9,840 ft., no supplies, wood plentiful; water from streams in vicinity, small site for C-G in b compound, country as in last stage, but the hills are higher and steeper, and there is little or no cultivation, the latter part consisting of large forests, road, as above ascends steeply for 6½ m and crosses a pass (elevation 10,541 ft.), and then descends, stream either bridged or easily fordable
		KHATI 60,000 sq yds b	5½	78½	A small village near the Pindar; no supplies, good water from the river, C-G at 5 m country as in last stage, jungle very thick; road, as above, descends steeply for 2½ m to the Pindar valley, and then undulates, streams bridged or easily fordable.
		DWALI b	6½	80½	A halting place near the Pindar, elevation 7,967 ft., no supplies, plentiful good water from wells and the river, small site for C-G near b, country changes in this stage the rounded well wooded hills giving place to precipitous mountains with very scanty vegetation, jungle near the river, road rises steadily following the river, which is crossed at 3 m and again near end of stage, in wooden bridges.
		PHARKIA b.	8½	89½	A halting place near the Pindar, elevation 10,850 ft., no supplies, wood scarce none for 3 marches, good water from wells and the river site for C-G on hillside ½ m W of b, country as before, but wider, road as above; cross an unbridged nullah en route
		MARTOLI (on Pindar R.)	8½	87½	A halting place elevation 11,720 ft.; no supplies, good water from the river, troop could encamp in a flat valley just beyond Martoli and E of the road, country and road as above latter running through the gorge of the Pindar torrent it is enclosed by bare mountains, snow-clad in winter and covered with short grass and lichen on the top of the range W of the road is a large plateau thinly wooded, the home of the Thak and Moenal
		MARTOLI (on Gori R.)	22	100½	A large village on a plateau, supplies on notice; wood scarce plentiful good water from streams, plenty of space available for encamping; country mountainous there is practically no road, only a goat track, which leads through snow-field over a pass about 15,000 ft high, and then descends along a spur to the Luvai Gadi stream, no wood and only snow water obtainable en route; no transport would have to be used
		MILAM 10,000 sq yds.	6	116½	A village, elevation 11,350 ft., supplies on notice, fuel abundant, plentiful good water from streams, spacious site for C-G; country as above, but unimproved in winter, road a good bridle-path; at ½ m pass Barpu and cross the Gori R. en route, by wooden bridge in bad repair
		DANG .	10	126½	A halting place, elevation 13,720 ft. no supplies, fuel procurable, plentiful water from streams, site for C-G small, country and road as in last stage, bridge consist of fir poles with brushwood and earth thrown over them; transport has to be unloaded to enable animals to cross At Dang a road leads into Tibet by a neighbouring pass.
		TOPIDANGA	8	138½	A halting place, elevation 14,830 ft., no supplies, water from streams, small site for C-G 2 m distant; country and road as above, enter a glacier on starting, leave it at 3½ m, and reach the top of the Uttadhura pass (17,690 ft. high) at 4 m, thence descend to camp, at 4½ m a track leads E and enters Tibet by the Kangrinba pass, 18,300 ft high
		CHIDAMU	7	140½	A halting place, elevation 13,620 ft., no supplies; water from streams, small site for C-G, country as above, road a mere track and very steep, at 1 m cross the Gathi R. by bridge or ford, the river is only about 12 ft wide and the hills come down almost perpendicularly on either side thence a steep ascent to the Topidanga pass (17,000 ft high), reached at 2 m, the descent to camp is easy

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bahawalpur District, Bareilly.	Assistant Commr. of Almorah, Almorah.	LAPTAL . . .	5	145½	A halting place, elevation 13,980 ft.; no supplies; wood and good water in abundance; extensive grazing ground suitable for encampment; country and road as in last stage; descended for 4 m. and cross the Kiogadh R. by ford, the second by a moderate gradient to camp.
		SHALSHAL PASS .	7	152½	
		Total marches, 17 = 162½ m.			A halting place on the Tibetan frontier; no supplies; plentiful wood and good water; small site for encampment; country as above; road undulating and fairly easy. Beyond the pass the road descends gradually, and at about 2 m. an extensive valley is reached, which extends to the Sutlej.

Route No. 555.
FROM RATH TO KALPI.
via CHANDAUT.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandakhand District, Agra.	Collr. of Hamirp. per Hamirp. Collr. of Jalaun, Orai.	JARIYA . . . 120 × 65 yds. 100 × 65 yds.	11½	11½	A village; supplies must be collected; water from a well W. of C-G., shady site for which is near road and ½ m. E. of village, where there are 6 wells and a tank; country fairly cultivated; road unmetalled, swampy, and heavy for traffic in places; pass Kambheria at 8 and Pawai at 10 m.
		CHANDAUT . . . 249,030 sq. yds. p-o.	11	22½	
		ITAURA . . .	9	31½	A village; supplies on notice; plentiful good water from 2 wells near C-G., which is S. of the Betwa R. and about 500 yds. W. of village, where there are three other good wells; country and road as above; cross the Farwan nullah (fordable, except when in flood) at 5½ m. and pass Dhagwan immediately afterwards.
		KALPI . . .	7	38½	
		Total marches, 4 = 38½ m.			Country and road as above; cross the Betwa soon after starting, by ford in dry season, by ferry (2 boats) in the rains. See Route 76.

Route No. 556.
FROM RAWAL PINDI TO ABBOTTABAD.
via THE GRAND TRUNK ROAD AND HARIPUR.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Rawal Pindi, Rawal Pindi.	JANI-KI-SANG . . .	15	15	See Route 266.
		HATAR . . .	14½	29½	See Route 4. Country undulating and fairly cultivated; road good; leave the Grand Trunk Road at Sarai Kala at 5½ and cross the Hurrah (fordable) at 11½ m.
G. O. C. Punjab Frontier Force, Abbottabad.	By Commr. of Rawal Pindi, Abbottabad.	HARIPUR . . .	13½	42½	
		SULTANPUR . . .	12½	55	See Route 3. For other remarks see Route 67.
		ABBOTTABAD . . .	10½	65½	
		Total marches, 5 = 65½ m.			

Route No. 556(a).
FROM RAWAL PINDI TO ABBOTTABAD.
via KHANPUR AND HARIPUR.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Rawal Pindi, Rawal Pindi.	SHALDITA . . .	12½	12½	A large village; supplies on notice; plentiful good water from wells, and from a stream, close to which is site for C-G.; country undulating; road unmetalled, but fit for carts.

AUTHORITIES		Names of stages and size of encamping-grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force, Abbottabad	Deputy Commissioner of Hazara, Abbottabad	KHANTUR .	0	31½	A village near the right bank of the Harroth R., supplies on notice good water from the river, near which and S. of police station is site for C.G.; road is road unmetalled and unbridged, but fit for laden camels, pass over a range of hills 700 ft. high; cross the Harroth (fordable at all times, except after heavy rains) at end of stage
		HARIPUR .	15	30½	Country hilly, road unmetalled and unbridged
		SULTANPUR	12½	43¼	See Route 3.
		ABBOTTABAD .	10½	60½	For other remarks see Route 67
		Total marches 6 =			
		63½ m.			

Route No. 557.
FROM RAWAL PINDI TO CAMPBELLPUR
 via HATI

AUTHORITIES		Names of stages and size of encamping-grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rawal Pindi District, Rawal Pindi	By Officer of Rawal Pindi, Rawal Pindi	JANI KI-SANG	15	15	See Route 200
		HASAN ABDAL	14½	29½	
		HATI	13½	43½	
		CAMPBELLPUR	9½	62½	See Route 58
		Total marches, 4 =			Country sandy and mostly under cultivation; road unmetalled but pass. for all arms
		62½ m.			

Route No. 558
FROM RAWAL PINDI TO DERA ISMAIL KHAN.
 via FATAHJANG SHAH MUHAMMADWALA, AND MIANWALI.

AUTHORITIES		Names of stages and size of encamping-grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Rawal Pindi, Rawal Pindi	NAUGAJIYA 250 x 180 yds	12½	12½	A small village, supplies on notice, fair water from a tank about 200 yds. N. of C-G, which is ½ m. W. of village, country undulating and fairly cultivated road metalled in parts after leaving the Grand Trunk Road and suitable for all arms but seldom used by troops pass Chitr at 2½, leave the Grand Trunk Road at 6½ and cross the Sulik at 7 m
		FATAHJANG	15½	28½	Country as before; road as in latter part of last stage; pass the road to Jani K Sang on the Grand Trunk Road at 6½, Hathar at 10, and cross the Nandan stream at 11½ m
		KOT (GUDHA)	11	39½	
		THATI	10	49½	
		DHANDI .	16	65½	
		NAKA	21	74½	See Route 4.
		SHAH MUHAMMADWALA.	16	88½	
		NIKI . . .	10	98½	A large village near the left bank of the Indus; supplies on notice; plentiful good water from 2 wells 100 yds W. of C-G (wells for which is 8-W of and close to village animals can be watered from a nullah near, country hilly for 1st m., thence open and sandy, road unmetalled but fair except after heavy rain
		MARI . . .	17	115½	
		MUCH . . .	16	131½	
G. O. C. Punjab Frontier Force, Abbottabad	Deputy Commissioner of Hazara, Abbottabad	MIANWALI . 17,000 sq yds p-o. r-s	13	144½	A small civil station supplies procurable, plentiful good water from wells near C-G, site for which is close to nullah, country as in latter part of last stage, road as above pass Bakhri at 8 m.
		KUNDIAN 220 x 220 yds. p-o. r-s	10	154½	A village, supplies on notice; plentiful good water from 2 wells near C-G, which is ½ m. E. of village and close to r-s. country open and covered with brush-wood, road unmetalled, fair, but sandy in parts
		PIPLAN 220 x 250 yds. p-o. r-s	14	168½	A village supplies on notice; plentiful good water from wells in vicinity of C-G, which is on high ground N. of and close to village; country and road as above, pass Ainwall at 7 m

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
U. S. C. Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan.	KALLURKOT 41,820 sq. yds. p-o. b.	11	127½	A large village on edge of the desert; supplies on notice; plentiful good water from wells in vicinity of C-G., which is S. of and close to b.; country and road as above.
		KANJAN . . .	13	180½	A village and salt chanki on the edge of the desert; supplies on notice; abundant good water from wells in the vicinity of C-G., which is E. of Tibba Kanjou; country, sandy desert; there are two roads from Kallurkot, one running along low alluvial lands, the other in the desert, the former is impracticable in the hot weather owing to inundations, the latter, being heavy and sandy, is unsuitable for carts.
		ANGRA . . .	10	200½	A small village; supplies on notice; plentiful good water from wells about ½ m. from C-G., site for which is W. of the Thal road, and close to village; country as above; 2 roads as in last stage.
		LAK . . .	5	205½	Country as before; road unmetalled, under water in the hot weather and impracticable. See Route 199. For other remarks see Route 231.
		DERA ISMAIL KHAN.	7	212½	
		Total marches, 18 = 212½ m.			

Route No. 559.
FROM RAWAL PINDI TO MURREE.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
U. S. C. Frontier Force, Rawal Pindi.	Deputy Commissioner of Rawal Pindi, Rawal Pindi.	BARAKAO . . . 270 x 210 yds. b.	13½	13½	A village; supplies on notice; plentiful good water from 2 wells S.-E. of C-G., which is near bazar; animals water at a nullah; country cultivated, but undulating and broken; road good, metalled and bridged, suitable for all arms.
		TRET . . . 33,390 sq. yds. p-o. t-s. b.	12	26½	A village; supplies on notice; plentiful good water from a covered tank on C-G., which is S. of and close to village; country hilly, and slopes cultivated in parts; road as above; gradients easy.
		MURREE . . . p-o. t-s.	14	39½	A coalescent depot and small civil stn.; supplies abundant; plentiful good water laid on by pipes to C-G., small site for which is near the commissariat bakery at Sunny Bank, at 11 m.; country and road as above; gradients steep in places. From Sunny Bank, by the cart-road, Murree is distant 3 m., but less by the several paths leading to it.
		Total marches, 3 = 39½ m.			

Route No. 560.
FROM RAWAL PINDI TO SHAHPUR.
via MANDRA, CHAKWAL AND PIND-DADAN-KHAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Rawal Pindi, Rawal Pindi. By Commr. of Jhelum, Jhelum. By Commr. of Shahpur, Shahpur.	RIWAT . . .	10	10	See Route 266.
		MANDRA . . .	9½	19½	
		JATLI . . . 330 x 310 yds.	14	33½	A small village; supplies on notice; plentiful good water from a stream close to C-G., which is ¼ m. W. of village; country flat and well cultivated, but intersected by ravines; road, 80 ft. wide, unmetalled and rough, but usually used by troops; pass Nathia at 3 and Khokhi ka Chak at 8 m.
		DHUDIAL . . . 43,400 sq. yds. p-o.	18	46½	A large village; supplies plentiful; abundant good water from wells and tanks in vicinity of C-G., site for which is W. of village; country well cultivated; road as above but heavy in parts; pass Dhar at 6½ m.
		CHAKWAL . . .	11½	58½	Country and road as above; pass Chak Narang at 5 m.
		DHOK TALIAN . . .	13½	71½	
		CHOYA-SAIDAN-SHAH.	7	78½	See Route 7(a).
		PIND-DADAN-KHAN.	13½	92	
		MIZAN . . .	7½	99½	
		BHERA . . .	9	108½	For other remarks see Route 7.
		CHAK-RAMDAS . . .	11	119½	
		JHAWARIAN . . .	8½	128	
		SHAHPUR . . .	11	139	
		Total marches, 13 = 139 m.			

Route No. 560(a).
FROM RAWAL PINDI TO SHAHPUR.
 via MANDRA CHAKWAL AND NURPUR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total.	
G O C Rawal Pindi District, Rawal Pindi	By Commr of Rawal Pindi, Rawal Pindi	RIWAT . . .	10	10	See Route 286
		MANDRA . . .	9½	19½	
		JATLI . . .	14	33½	
		DHODIAL . . .	13	46½	See Route 560
		CHAKWAL . . .	11½	58½	
		BHON . . .	8	66½	For other remarks see Route 2(a)
		KALLAR-KAHAR . . .	10½	76½	A large village, supplies plentiful, good, but limited water from a few deep wells in the vicinity, site for C-G IV of village; country as above, road, 16 ft wide, unmetalled, but practicable for camels.
		NURPUR . . . 48,400 sq yds p.c	11½	88	See Route 286. Country hilly, road bad and unsuitable for wheeled traffic
		PAIL . . . p.c	9	97	A village, supplies obtainable in small quantities; plentiful good water from wells and springs in the vicinity, site for C-G IV of village; country as above, road, 16 ft wide, unmetalled, but practicable for camels.
		KATHA . . . p.c	12	109	A large village; supplies on notice, plentiful good water from wells in the vicinity, small site for C G N of village, country hilly, but well cultivated, road as above.
		RAJAR . . .	8	117	A village, situated at the foot of the Salt range; supplies procurable; plentiful good water from a hill stream running through C G, confined site for which is near village, country well cultivated, road unmetalled and rather difficult, but practicable for laden animals, width 11 ft. in the hills and 16 ft. in the valley.
		SHAHPUR . . .	9	126	See Route 367. Country level, open and fairly cultivated, road unmetalled, fair in dry weather, but during the rains it becomes slippery and a good deal cut up by the drainage from the Salt range.
Total marches, 12 =				See Route 7. Country and road as above, cross the Jhelum soon after starting, by ferry	
120 m					

Route No. 560(b).
FROM RAWAL PINDI TO SHAHPUR
 via DADUMBAR, TALAGANG AND JABA

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Rawal Pindi District, Rawal Pindi	By Commr of Rawal Pindi, Rawal Pindi	BANIAL	8	8	A small village supplies must be collected good water from wells in vicinity of village, near which is site for O G ; country partially cultivated and stony, road neither metalled nor bridged and unsuitable for wheeled traffic, nullahs generally fordable
		SIAL . . .	16	24	A small village; supplies must be collected; camel-grazing procurable; good water from wells in vicinity of village, near which is site for O G , country, road and nullahs as above; pass Dadlan at 11½ m
		DADUMBAR .	12	36	A village near the Sohan supplies on notice, camel grazing procurable; plentiful good water, site for C-G near village, country and road as above, cross the Sohan (fordable except after heavy rain) at 8½ and pass Ghila at 10 m.
		DULLA	6	42	Country and road as above, latter much intersected by nullahs, which are only difficult after heavy rain.
		RUPWAL	12	54	
		TALAGANG .	11	65	
		KITCHI . . .	11½	76	
		JABA . . .	11	87	See Route 7.
		SODHI . . .	9	96	
		KATHWAI .	8	104	
		NARIWALA .	6	110	
		KHUSHAB	12	122	
		SHAHPUR . . .	8	130	
Total marches 12 =					
130 m					

Route No. 561.
FROM ROHTAK TO ALWAR as far as KOT-KASIM (for remainder see Bombay
Route Book No. 268(I).)
 via JHAJJAR AND REWARI.

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AUTHORITY.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Jyotpur, Rohtak, Haryana. Dr. Commr. of Gurgaon, Haryana. Headst. of Jyotpur, Rohtak, Haryana.	DIGHAL 16,000 sq. yds. p.o.	10½	10½	A village; supplies on notice; plentiful good water from a tank and well 225 yds. and 450 yds., respectively, N. of C.G., site for which is close to village; country level and fairly cultivated; road metalled and bridged; pass Sonbli about half-way.
		JHAJJAR 22,470 sq. yds. p.o. t-a. b.	12	22½	
		GHARAURA p.o.	16	38½	A village; supplies on notice; plentiful good water from wells in vicinity of village, anywhere round which is ample site for C.G.; country chiefly hard sand hills, with partial cultivation; road as above, but very heavy over the Hansout and Sabi nullahs, which are generally dry except in rains and crossed at 4 and 14 m., respectively; pass Siarni at 5 and Machroll at 10 m.
		REWARI	12½	50½	
		KOT-KASIM	16½	66½	Country as above; road, 25 ft. wide, unmetalled, sandy and heavy; pass Bhekani at 9 m. See Route 168(a).
		Total marches, 6 = 66½ m.			

Route No. 562.
FROM ROORKEE TO LANDOUR.
 via MOHAND AND MAJRA.

AUTHORITY.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Saharanpur, Saharanpur. Supdt. of Dehra-Dun, Dehra-Dun.	FATEHPUR	15	16	Country well cultivated; road metalled and bridged, suitable for all arms; cross the Ganges canal on starting. See Route 456.
		MOHAND	13	29	
		MAJRA	11½	40½	For other remarks see Route 456. See Route 40(a). For other remarks see Route 456.
		RAJPUR	9	49½	
		LANDOUR	8	57½	For other remarks see Route 456. See Route 40(a). For other remarks see Route 456.
		Total marches, 5 = 56½ m.			

Route No. 562(a).
FROM ROORKEE TO LANDOUR.
 via HARDWAR AND DEHRA-DUN.

AUTHORITY.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Saharanpur, Saharanpur. Supdt. of Dehra-Dun, Dehra-Dun.	BAHADURABAD	9½	9½	See Route 459(a). For other remarks see Route 459(a). See Route 456.
		HARDWAR	7	16½	
		KANSRAO	12	28½	For other remarks see Route 456. See Route 40(a). For other remarks see Route 456.
		LACHIWALA	8	36½	
		DEHRA-DUN	10½	47½	See Route 40(a). For other remarks see Route 456.
		RAJPUR	6	53½	
		LANDOUR	8	61½	For other remarks see Route 456. See Route 40(a). For other remarks see Route 456.
		Total marches, 7 = 61½ m.			

Route No. 565.
FROM SAHARANPUR TO CHAKRATA.
via THE TIMLI PASS

ATTENDANCE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Meerut District Meerut	Collector of Saharanpur, Saharanpur	KALSI 280 x 240 yds	15	15	A village, supplies on notice, plentiful fair water from a well on C.G., which is E of road, country open and cultivated, road metalled and bridged throughout; pass Kalsi at 18 m, and immediately afterwards cross the Jumna canal and Maskara Rao
		BADSHAHI BAGH 310 x 280 yds.	12½	27½	A small village at the entrance of the Timli pass, supplies on notice, from a well near C.G., which is W. of road, country and road as above, across the Jumna canal at 2½ m.
	Superintendent of Dehra-Dun, Dehra-Dun	DHARHWALA 26,170 sq yds	11½	39½	A small collection of huts on left bank of the Asan, supplies on notice, from the river and from a well on C.G., which is about 800 pds. S. of the Bagh, is about 750 ft high. The summit of the pass above Badshahi Bagh is about 2 m beyond the C.G., which is at Tiwar, ½ m from the right bank of the Jumna, supplies on notice, good water from the river, country at first level and fairly cultivated afterwards undulating with some forest, road as above, across the Asan at ½, pass Ambari at 5, and cross the Jumna by suspension bridge, at 11 m
		KALSI 131,800 sq yds. p-o b.	11½	50½	A small hamlet, supplies must be collected, good water from the Saraba Kh. W of site for C.G., which is E. of road and just above the Amlawa R., the water of which is unfit for drinking, country mountainous, road as above but all up-hill
		SAIAH 155 x 75 yds.	11½	62	A small village; supplies must be collected, plentiful good water from a stream, 200 yds. below small site for C.G., which is on roadside N of village, country and road as above, this camp is seldom used by troops, who usually take a short road, which branches off the cart-road at about 2 m after crossing the Amlawa R. and leads straight into Chakrata.
		KURWAH	7½	69½	See Route 406
		CHAKRATA	8	77½	Country and road as above.
		Total marches 7 = 77½ m			

Route No. 565(a).
FROM SAHARANPUR TO CHAKRATA.
via MAJRA

ATTENDANCE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Meerut District Meerut	Collector of Saharanpur, Saharanpur	FATEHPUR	15	15	Country open, road, 80 ft. wide, metalled and bridged, cross the the Hindun en route. From Fatehpur a metalled road runs S. distant 15 m. Nagades and E. to Roorkhet.
		MOHAND	18	28	See Route 456.
	Superintendent of Dehra-Dun, Dehra-Dun	MAJRA	11½	39½	
		JHAJRA	12½	51½	Country and road as above.
		SAHASPUR	7½	59½	See Route 407.
		KALSI	11	70½	Country as before; road, 20 ft. wide, unmetalled for first 7 m; some streams, which are sometimes unfordable in the rains, at Amban the Saharanpur-Chakrata metalled road is joined.
		SAIAH	11½	81½	See Route 535
		KURWAH	7½	89½	
		CHAKRATA	8	97½	For other remarks see Route 406.
		Total marches, 8 = 97½ m.			

Route No. 566.
FROM SARAI MIBAN (on the Grand Trunk Road) TO PHAPHUND BY STN.
via BELA.

ATTENDANCE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Oudh District Lucknow	Collector of Ferozabad, Fatehpur	TIRWA	12	12	See Route 77 Country level and cultivated; road unmetalled but partially bridged, pass Ganghapur at 3 and cross the Lean Nadi at 9 m, by ford in dry season, by ferry (1 boat) in the rains

ATTACHMENTS.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Etawah, Etawah.	DELA P.O.	12½	24½	A village; supplies procurable; good water from wells; extensive site for C.G. near police sta.; country as above; road fair, unmetalled, but raised and bridged; pass Umarda at 7½ m. From Dela a road runs S-E. to Ramlabad (p-o.) distant 12 m.
		SAUTHRA .	11	35½	
		PHAPHUND BY STN.	7	42½	A village; supplies on notice; good water from wells; camp could be pitched anywhere near village; country and road as above, latter difficult for wheeled traffic in the rains. See Route 351. Country and road as above.
		Total marches, 4 = 42½ m.			

Route No. 567.
FROM SASARAM TO DALTONGANJ (BIJRA).
 via KUNANGARAD AND MAHARAJGANJ.

ATTACHMENTS.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Colr. of Allahabad, Allahabad.	DEHRI .	12	12	See Route 266.
		BARUN .	3	15	
		AURANGABAD .	14	29	
G. O. C. Allahabad District, Allahabad.	Colr. of Allahabad, Allahabad.	MAHARAJGANJ CO. 000 sq. yds.	16	45	A small town; supplies on notice; plentiful good water from 5 wells in an adjoining village, about ½ m. from which, in a mango grove, is C.G.; country flat; road unmetalled, but raised and nullahs bridged; cross the Betwa en route, by ford in dry season, by ferry (1 small boat) in the rains.
		SULTANI .	7	52	
		CHINATARPUR P.O.	8	60	A village; supplies on notice; fair water from wells 100 yds. E. of village, on N. and S. sides of which are suitable sites for C.G.; country undulating and jungly; road 18 ft. wide, unmetalled, but fair; nullahs fordable.
		KOWA .	8½	68½	
		RAJERA .	9	77½	A village; supplies on notice; fair water from wells ½ m. W. of C.G., spacious site for which is N. of and close to village; country and road as above; streams always fordable.
		DALTONGANJ (BIJRA)	10	87½	
		Total marches, 9 = 87½ m.			See Route 223. Country as before; road, 18 ft. wide, gravelled and fit for all arms; cross the Amanat R. en route, by ford, except after heavy rain.

Route No. 567(a).
FROM SASARAM TO DALTONGANJ (BIJRA).
 via DEHRI AND HOSENABAD.

ATTACHMENTS.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Colr. of Allahabad, Allahabad.	DEHRI .	12	12	See Route 266.
		BARUN .	3	15	
		MAHUAHAN 400 x 300 yds.	11	26	
G. O. C. Allahabad District, Allahabad.	Colr. of Allahabad, Allahabad.	DINAWAR . 300 x 200 yds.	13	39	A small village near right bank of the Son; supplies on notice; plentiful good water from 8 wells within ½ m. of C.G., suitable site for which is N. of village and ½ m. from the river; country jungly; road, a fair weather one, unmetalled, unbridged, but raised.
		HOSENABAD P.O. 1-4.	7	46	
District, Fort Williams.	Pr. Commr. of Palawan, Palawan.	MUHAMMADGANJ	11	57	A small village near right bank of the Son; supplies on notice, but scarce; good water from 2 wells in village and from the river, ½ m. from which and W. of road is site for C.G.; country and road as above; cross a nullah (fordable, except after heavy rain) at 11 m.

A village; supplies on notice; fair water from wells in, and indifferent water from a nullah S. of village, N. of which is spacious site for C.G.; country undulating and jungly with some cultivation; road, 18 ft. wide, unmetalled, but practicable for all arms; several water-courses are crossed en route, all ramped and fordable.

A small village; supplies on notice; good water from the Koll R. ½ m. W. of village, on N. and S. of which are ample sites for C.G.; country and road as before; nullahs ramped and fordable. The old road from here to Daltonganj via Godarna is impassable.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Presidency District, Fort Willian	Deputy Commissioner of Poonam, Daitongay	MANJHIWANA 200 x 200 yds. p. o.	9½	65½	A large village near the Kol, supplies on notice; good water from the river; 1-4 ½ m S of village country and road as above, cross the Kol at end of stage by a ferry-boat carrying 50 men. Country and road as before. See Route 176. For other remarks see Route 225.
		GARIWA	12	77½	
		BANPURWA	9	86½	
		DAITONGANJ (BJRA)	12	98½	
		Total marches, 10 = 98½ m.			

Route No. 568. FROM SAUGOR TO BANDA

via SHANGARI, HIRAPUR, CHHATARPUR AND MAHODA.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Norbudda District, Jabalpoore	Deputy Commissioner of Saugor	KARAPUR 10,000 sq yds	9	9	A village near the Bankri Nadi supplies on notice, good water from a well (diameter 14 ft, depth of water 6 ft.) E of C.G., which is W of village and divided by a stream, where animals may be watered; country open and cultivated, road metalled and good, nullahs strongly bridged. There is another road to Karapur, running parallel to the main road, but it is a mere cart track. A village; supplies on notice good water from 2 wells (both 12 ft in diameter) close to C-G, which is W of road and S. of village; country covered with scrub-jungle with cultivation near villages, road as above nullahs are paved across the Bankri (fordable except after heavy rain) on starting, pass a well at 3 and the village of Dilakheri at about 8½ m. A village, supplies on notice; plentiful good water from 3 wells in vicinity of C-G which is W of road and E. of village, animals water at adjacent nullahs country partially cultivated for first 7 m., thence covered with thick scrub-jungle, road under construction close to it is a cart track suitable for all times in dry weather; nullahs stony, pass Tinet at 5½ and a good well at 6 m. A village, supplies on notice, good water from a well N of and two others near the old village fort ½ m from, C-G, which is N of village and close to a stream where animals may be watered; country hilly and interspersed with jungle road as in last stage but stony in places; cross the Bils Nadi (dry, except in the rains) at 3, again at 4½ m and once more at end of stage. Country hilly and jungly, with cultivation near villages, road as in last stage, nullahs not difficult. See Route 150. For other remarks see Route 150. See Route 145. See Route 364. For other remarks see Route "9.
		BANDA 122 600 sq yds p. o.	10	29	
		RURAWAN 130,000 sq yds	11	80	
		SHANGARI 400 x 160 yds p. o.	12½	92½	
		HIRAPUR	7½	100	
		SARWA	9½	109½	
		MULBARA	6½	116	
		GULGANJ	10½	126½	
		MATGAON	11	137½	
		CHHATARPUR	9½	147½	
G. O. C. Bundel and District Agri	Political Agent in Bundelkhand, Newgong	MALARA	11½	159½	See Route 150. For other remarks see Route 150. See Route 145. See Route 364. For other remarks see Route "9.
		SHIVAGAR	11½	171½	
		MAHODA	9½	181½	
		KABRAI	11½	193½	
		MATAUNDH	10½	204½	
G. O. C. Norbudda District, Jabalpoore	Deputy Commissioner of Saugor	BANDA 1,400 x 600 yds.	12½	217½	See Route 150. For other remarks see Route 150. See Route 145. See Route 364. For other remarks see Route "9.
		Total marches, 16 = 217½ m.			

Route No. 569. FROM SAUGOR TO HOSHANGABAD.

via SIRMAR AND JANAGIR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Norbudda District, Jabalpoore.	Deputy Commissioner of Saugor	BULGAIRA 1,400 x 600 yds.	16	16	A large village near the Parul; supplies procurable, good water from the river, 1-4 ½ m E of village, and ½ m N.E. of village, is C.G. with a well on it; country hilly and cultivated road unbridged and had not kept in repair, impossible for wheeled traffic in the rains, all nullahs passable, but difficult; cross the Borsas (always passable) on route

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpur.	Political Agent in Dhopal, Sohore.	NYGHARIA . 600 x 400 yds.	13½	29½	A village; supplies must be collected; good water from wells in village, 2 m. N-E. of which, and near road, is suitable site for C-G.; country and road as before; pass Chaltoli at 7 m.
		SIRMAU . 47,020 sq. yds.	9½	39	A large village; supplies obtainable; plentiful good water from a well, and (for animals) from a tank close to C-G., which is 200 yds. S. of village; country hilly and jungle; road bad, unmetalled, and difficult for carts in rains; nullahs as before; pass Galswari at 2 and Piraria at 5½ m.
		SILWANI . 108,860 sq. yds. p-o.	10½	49½	A large village; supplies limited; good water from the Begam Nadi, and wells close to C-G., which is N. of village, but not marked out; country and road as above; at 2 m. pass Sirman Ghat, a stony, and in some parts steep, descent about a mile in length, thence between the hills to the Nakti (fordable except after heavy rain) crossed at 6½ m.
		PARTABGARH . 10,000 sq. yds.	13½	62½	A large village; supplies on notice; plentiful good water from the Gajunda and several other nullahs in the vicinity; site for C-G. 300 yds. S. of village; road as in last stage; country flat, with distant hills; road as above; nullahs generally fordable; cross the Begam at 4, the Toro at Parnia at 8½, and the Saksin at 9½ m.
		JAMGARH . 44,400 sq. yds.	10½	73½	A large village; supplies on notice; plentiful good water from a tank and 2 wells, one on, and the other close to, C-G., which is 200 yds. N. of village; country partly cultivated and partly jungle; road and nullahs as above; pass Busa at 6½, Tumken at 7½, and cross the Garang Nadi (fordable except after heavy rain) to Delmar at 8½ m.
		PARTELAI . 350 x 200 yds.	11½	85½	A large village; supplies on notice; plentiful good water from 2 wells, one close to, and the other 200 yds. E. of, C-G., which is 200 yds. N. of village; country and road as above; pass Galswari at 4½, cross the Gagra nullah (fordable except after heavy rain) at 6, pass Chaimpur at 8½ m., and cross the Khanna R. towards end of stage, by ford in dry season, by ferry, at Bari (p-o), 8 m. higher up in the rains.
		MALJHAR . 300 x 300 yds.	8½	94½	A small village close beneath the hills; supplies must be collected; good water from a well (diameter 11 ft., depth of water 25 ft.) 300 yds. S. of C-G., which is 200 yds. S. of village; country, road, and nullahs as above; pass Babel at 3, and Janipura at 6½ m.
		DHOBI . 400 x 350 yds.	9½	103½	A large village; supplies on notice from Hoshangabad; good water from the Dhobi Nadi and a well near C-G., which is 230 yds. N-W. of village; country, road and nullahs as above; pass Khawado at 7½ m.
		CHICHLI . 400 x 400 yds. p-o.	8½	111½	A large village on the Nerbudda; supplies procurable; good water from the river and a well 450 yds. N. of C-G., which is 340 yds. N. of village; country, road, and nullahs as above; pass Piraria at 2½ and cross the Dhobi Nadi (17½ yds. broad, fordable 1 day after heavy rain) at 3 m.
		HOSHANGABAD .	9½	121½	See Route 305. Country, road, and nullahs as above; cross the Nerbudda R. (600 yds. broad and unfordable) near end of stage, by ferry, 4 boats, each carrying 80 men.
Total marches, 11 =					
		121½ m.			

Route No. 569(a).
FROM SAUGOR TO HOSHANGABAD.
via RAHATGARH, BHILSA, AND DHOPAL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpur.	G. O. C. Nerbudda District, Jabalpur.	DHAPYL . 94,350 sq. yds.	0	0	A village; supplies abundant; good water, for 2 battns., from 2 wells, one on, and the other 150 yds. N-E. of, C-G., which is on both sides of the road; country hilly with much cultivation; road bridged and in fair order, metalled as far as Ratna, 7 m., suitable for all arms; cross the Khann Nadi-near end of stage, by a stone bridge.
		BAIKHAIRI . 20,000 sq. yds.	10	10	A very small village; no supplies locally; fair water, for a battn., from a well near, and (for animals) from a nullah ½ m. W. of, C-G., which is N. of road, 1 m. short of village; country as above; road, 16 ft. wide, unmetalled, but raised and bridged, suitable for all arms; pass Sobara at 3, cross the Dasvan R. (100 yds. wide) at 3½ and pass Moham at 4 m.
		RAHATGARH . 160,000 sq. yds. p-o.	6	26	A small town; supplies plentiful; abundant good water from 2 wells about 300 yds. E. of C-G., which is S. of road and ½ m. from the Bina R., where animals may be watered; country open and cultivated at first, afterwards hilly and rocky; road as above, but rough and stony after the first 2 m., passable for all arms, but difficult in the rains.
		BAGHOD . 30,500 sq. yds.	12½	37½	A village; supplies limited; plentiful good water from 2 wells, one 200 yds. S-W of, and the other just N. of, C-G., suitable site for which is near village; country as before; road, a mero cart track, about 9 ft. wide, unbridged, except over the Bina, and impassable for wheeled traffic after heavy rain; cross the Bina soon after starting, pass Mirzapur (police outpost) at 6, and cross the Dabnai (fordable, except after heavy rain) at 8½ m.
		GAHISPUR . 147,600 sq. yds.	9½	46½	A moderate-sized village; supplies scarce; good water, for a battn., from a well near C-G., which is in a large garden close to village and road; country jungle; road fair in fine weather, impassable in rains.

AUTHORITIES.		Names of stages and size of surrounding ground.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpure.	Resident at Gwalior, Gwalior.	KARHI	12½	50½	A village; supplies scarce; good water from a well and the Seo Nadi, near which, and 100 yds. from village is small site for O-G., country open and cultivated; road as above; cross the Keuton (fordable, except during the rains) at 6½, and pass Maripur at 10½ m.
		BHILSA p-o. r-s	10½	70½	A large walled town with a fort; supplies abundant; plentiful good water from wells on C-G., small site for which is near r-s and about 1 m. from the Betwa R.; country and road as above; cross the Neon (river) on route, by ford except when in flood
		GHILGAHIN 800 x 210 yds.	9½	72½	A small village; supplies on notice; good but limited water from a well in centre of C-G., which is N. of road and about 3 m. S. of r-s, the water in the other well on the ground is bad; country as above; road good and passable for all arms, metalled for first 4½ m.; cross the Betwa (strongly bridged) soon after starting.
	Political Agent in Bhopal, Bhopal.	DIWANGANJ 310 x 300 yds. p-o. r-s.	9	89½	A small village; supplies limited; plentiful good water from a well 150 yds. N. of C-G., which is S. of road; country as above; road, 15 ft. wide, neither metalled nor bridged, possible for all arms in dry season, but difficult in the rains; cross the Gompachar (fordable in dry weather) at 4 m.
		BHOPAL 580 x 370 yds. p-o. b-s. r-s. b.	14½	103	A large city, capital of the native state; supplies abundant; plentiful good water from a well on, and (for animals) from a lake 600 yds. from, C-G., which adjoins the road; country as above; road fair; the worst nullahs are bridged; at 7 m. the ry. line approaches to within 20 yds. of road and then runs parallel to it to Ilahababad. For a road from Bhopal to Mhow see Bombay Route Book No 223
		MISROD 150 x 100 yds. r-s.	7	110	A small village; supplies very limited; good water, for 2 battns, from 2 wells one on, and the other near C-G., site for which is 600 yds. S. S. of r-s, country as before; road, a mere country track, 15 ft. wide.
		BISANKHERA 280 x 220 yds.	11½	121½	A small village; no supplies; good water, for 2 battns, from 2 wells, one on, and the other 400 yds. N.E. of C-G., which is 300 yds. W. of village; country hilly in parts, but generally open; road as in last stage; streams, strongly bridged.
	Dy. Commr. of Ilahababad, Ilahababad.	CHOKA	12	139½	A holding-place, no supplies; good but limited water from a well 400 yds. N. of C-G., ample site for which is N. of and close to the road; country and road as above; nullahs only unfordable after very heavy rain; cross a stream at 4 m. by a strong stone bridge.
		HOSHANGABAD	0	142½	See Route 325. Country hilly and wooded; road as in last stage, but only 6 ft. wide; for first 2 m. it is hilly and difficult for wheeled transport, but passable; cross the Nerbudda R. (600 yds. broad and unfordable) at end of stage, by ferry; 4 boats, each carrying 30 men.
		Total marches, 14 = 142½ m.			

Route No. 573.
FROM SAUGOR TO KARBLI RAILWAY STATION.
via GURJAMAR.

AUTHORITIES.		Names of stages and size of surrounding ground.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpure.	Deputy Commissioner of Saugor, Saugor.	CHITORA 90,000 sq. yds.	10	10	A small village; supplies scanty; good water, for 2 battns, from a well 600 yds. E. of C-G., which is about 600 yds. from the Dewar R. where animals can be watered; country at first fairly flat and cultivated, then hilly and jungly; afterwards undulating with patches of cultivation; road metalled and bridged, except over the Dewar, crossed at end of stage, by ford over a stone causeway (built yearly) except when in flood; ferry, 2 boats, each carrying 40 men
		SURKHI 90,000 sq. yds. p-o. b.	8	18	A village; supplies procurable in small quantities; plentiful good water from 2 wells ½ and ¾ m., respectively, N. of C-G., which is 50 yds. N. of r-s, country as in the latter part of last stage; road as above; pass Surkhi village at 7½ m.
		GURJAMAR 90,000 sq. yds. p-o	11	29	A large village; supplies procurable; plentiful good water from 2 wells 600 yds. N.E. of C-G., which is W. of road and about ½ m. N. of the Sonar R. where animals may be watered; country as in last stage at first, afterwards flat, open and cultivated; road as above; nullahs unbridged, but fordable, except for a few hours when in flood; cross a small ghat to Pali at 7½ m.
		DEVRI 109,600 sq. yds. p-o. b.	10½	39½	A fair-sized town on right bank of Sakachin Nadi; supplies on notice; good water, for a battn, from a well in police sta. compound, about 1½ yds. W. of C-G., which is E. of road and about 600 yds. from the nadl, where animals may be watered; country for 6 m. hilly and jungly, afterwards fairly flat, open, and cultivated; road as before; cross the Sonar (40 yds. wide) soon after starting and the Sakachin at end of stage, both by ford, except for a few hours at flood time; there are ferries over these streams, 1 boat, each carrying 40 and 25 men respectively.
	Deputy Commissioner of Narsinghpur, Narsinghpur.	MAHARAJPUR 380 x 330 yds. p-s	6½	47½	A village; supplies on notice; good water, for a battn, from a well on C-G., which is ½ m. W. of road, country open and well cultivated; road as before; nullahs fordable except when in flood.
		SUTALAW 105,270 sq. yds. p-o.	10½	57½	A small village; no supplies; good water, for 3 battns, from a well on C-G., which is E. of road, country as in last stage for 3½ m., then hilly, but fairly open for 2 m., afterwards hilly and jungly; road as before.
		BARMAN 50,770 sq. yds. p-o.	7	64½	A small village; supplies in small quantities; good water, for a battn, from a well 20 yds. S. of C-G., which is on both sides of the road and ½ m. from the Nerbudda R. where animals may be watered; country level, open and cultivated; road as above; pass Sagri at about 4 m.
		KARBLI RY. STN. 110,440 sq. yds. p-o. b.	10	74½	A village, about ½ m. from the r-s; supplies procurable; abundant good water from 2 wells, one on, and the other 200 yds. E. of C-G., which is near village; country and road as in last stage; cross the Nerbudda (220 yds. wide) near Barman by ford in dry season, by ferry (8 boats, each carrying 40 men) in the rains and the Dhamni near end of stage.
		Total marches, 4 = 74½ m.			

FROM SAUGOR TO MHOW as far as SONKACH (for remainder see Bombay Route Book No. 229).

via RAHATGARH, BHOPAL, SEHORE, AND ASHTA.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand Dist., Jabulpore.	Dy. Commr. of Saugor, Bhopal.	BHAPYL . . .	9	9	NOTE.—This route is possible throughout for all arms at all seasons, except at certain points indicated, when delays are possible after very heavy rain, when rivers are in flood. See Route 569(a).
		BAIRKAIRI . . .	10	19	
		RAHATGARH . . .	6	25	
G. O. C. Bundelkhand Dist., Agra.	Resident at Gwalior, Gwalior.	RAGROD . . .	12½	37½	
		GARISPUR . . .	9½	46½	
		KARRI . . .	12½	59½	
		BHILSA . . .	10½	70½	
		GULGAUN . . .	9½	79½	
		DIWANGANJ . . .	9	88½	
		BHOPAL . . .	14½	103	
G. O. C. Bundelkhand District, Jabulpore.	Political Agent in Bhopal, Sehore.	KAJURI 150 × 150 yds. b.	11	114	A small village; no supplies; good water, for a battn., from a well in b. compound, 400 yds. N-W. of which is site for C-G.; country open and cultivated, but hilly for first 3 m.; road metalled and bridged, suitable for all arms; ascend the Naispur Ghat at 1½ m.
		SEHORE . . . 400 × 300 yds. p-o. t-s. r-a.	12	126	A town and small cantonment; supplies plentiful; good water, for a battn., from a well 100 yds. S-E. of C-G., which is N. of road and about 150 yds. from a nullah, where animals may be watered; country flat, open, and cultivated; road as in last stage; pass Panda at 2 m. For a road from Sehore to Mhow see Bombay Route Book No. 231.
		ANILAI . . . 270 × 140 yds. b.	12	138	A small village; no supplies; good water, for a battn., from 2 wells, one in village and the other 800 yds. W. of C-G., which is E. of road; country undulating, open, and cultivated, a little hilly in the 4th and 5th m.; road as above, except over the Ajnas nullah, crossed at 9½ m., by a raised stone causeway.
		ASHTA . . . p-o. b.	12½	151½	A fair-sized town on right bank of the Parbati; supplies abundant; good water, for a battn., from 2 wells, one in b. compound and the other 200 yds. W. of C-G., small site for which is E. of town and S. of road; country undulating, open, and cultivated; road as above.
G. O. C. Bundelkhand District, Jabulpore.		NETWARA . . .	16½	168	A very small village; no supplies; good but limited water from 2 wells in vicinity of C-G., small site for which is 300 yds. E. of village; country open and cultivated except from 6th to 12th m., which is hilly and jungle; road as above, but mostly unbridged; cross the Parbati soon after starting, by ford over a stone causeway, always possible, except after very heavy rain, and cross a stream at 10½ m. by a similar causeway.
		SONKACH . . . 150 × 150 yds. p-o.	9	177	A small town near the Kali Sindh; supplies procurable; good water, for a battn., from a well 50 yds. W. of C-G., site for which is E. of road and about ½ m. from the river, where animals may be watered; country generally flat, open, and cultivated, with low jungle in places; road as above; pass Daulatpur at 4½ m. The Kali Sindh is crossed soon after leaving Sonkach.
		Total marches, 16 =			
		177 m.			

Route No. 571(a).

FROM SAUGOR TO MHOW as far as HAT-PIPLA (for remainder see Bombay Route Book No. 229(1)).

via RAHATGARH, BHOPAL, SEHORE, AND GAJNA.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand Dist., Jabulpore.	Dy. Commr. of Saugor, Bhopal.	BHAPYL . . .	9	9	See Route 569(a).
		BAIRKAIRI . . .	10	19	
		RAHATGARH . . .	6	25	
G. O. C. Bundelkhand Dist., Agra.	Resident at Gwalior, Gwalior.	RAGROD . . .	12½	37½	
		GARISPUR . . .	9½	46½	
		KARRI . . .	12½	59½	
		BHILSA . . .	10½	70½	
		GULGAUN . . .	9½	79½	
		DIWANGANJ . . .	9	88½	
G. O. C. Bundelkhand Dist., Jabulpore.	Pol. Agent in Bhopal, Sehore.	BHOPAL . . .	14½	103	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES		REMARKS.
Military	Civil		Miles	Total.	
G O C Nerbudda District, Jabalpur	Agent to Governor-General in Central India, Political Agent in Bhopal, Seoni, Indore	KAJURI . . .	11	114	See Route 571
		SEHORE . . .	12	126	
		AMLAJ . . .	12	138	
		ASHTA . . .	12½	151½	
		GAJNA 100 x 186 yds.	10	161½	A very small village, no supplies, good water, for a batta from 2 wells close to O G, which is 180 yds N of village, country open, undulating and cultivated, road neither metalled nor bridged, passable for all arms in dry season, at 3½ m cross the Parbati R., unfordable only after heavy rain
		TAPPA . . .	10½	171½	A small village, no supplies; good water, for a batta, for 2 wells, one in b compound, the other ¼ m. N. of O-G., small site for which is W of village and N of road, country generally flat with teak forests on both sides; road as in last stage; at 6½ m begin to cross over a low range of hills which continue to 7½ m, gradient 1 in 20 across a stream (almost dry in hot weather) at about 8 m by ford only impassable after heavy rain.
		HAT-PIPLIA P-O	12½	188½	A small town, supplies abundant; good water from 2 wells in vicinity of O G, one for which is N of road and near a stream, country hilly with teak forests, road as before, ford the Sindia (dry in dry season) at 3½, again at 4 and the Kali Sindia at 6 m., these fords are only impassable after heavy rain
Total marches, 17 = 183½ m.					

Route No. 572.
FROM SAUGOR TO NAGODE.
via DAMOH AND HATTA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Nerbudda District, Jabalpur	Dy Commr of Saugor, Saugor	PARSORIA . . .	14½	14½	See Route 37.
		GAREHAKOTA . . .	14	28½	
		BANSA . . .	12½	41½	
		DAMOH . . .	7½	49½	
		BANGADN . . .	12	60½	See Route 354(a).
		HATTA . . .	11	71½	
		HINOTA . . .	10	81½	
		GAISABAD . . .	8½	89½	
		TIGRA . . .	9½	97½	A small village, supplies on notice, plentiful good water from 2 wells, one N of, and the other S of, C-G., site for which is near road and 100 yds S E of village, country open and undulating, road good, passable at all times for all arms, pass Loharganon at 4½ m
		MABEWA . . .	14	111½	
		GONOUR . . .	9	120½	
		GIRWARO . . . 20,000 sq yds.	12	132½	
		NAGODE . . .	10	142½	See Route 25 Country fairly cultivated; road, 10 ft. wide unmetalled, but passable for all arms, though difficult after heavy rain; pass Sumri at 4½ m
Total marches 18 = 182½ m					

Route No. 573.
FROM SAUGOR TO NEERMUCH as far as TEHLA (for remainder see Bombay Route Book No 241)
via RAHATGARH, BHILSA, NARSINGGARH, AND JHALRAPATAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Nerbudda District, Jabalpur.	Deputy Commr of Saugor, Raigarh	BHAPYL . . .	9	9	See Route 569(a)
		BAIRKAIRI . . .	10	19	
		RAHATGARH . . .	6	25	

AUTHORITY.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Bundelkhand District, Agra.	Resident at Gwalior, Gwalior.	BAGROD . . .	12½	37½	} See Route 500(a).
		GARISPUR . . .	0½	40½	
		KARBI . . .	12½	59½	
		BHILSA . . .	10½	70½	
		KANKERA . . .	12½	83½	
G. O. O. Nerbada District, Jabalpur.	Political Agent in Bhopal, Sehore.	BERASIA p.o. . .	14	97½	A large village; supplies abundant; good water from a well 200 yds. S. of, and in different water from 3 other wells, one on C-G, site for which is ½ m. N. of village; country as above; road, a mere cart track, impassable for wheeled traffic in the rains; pass Salais at 4 and Masikial at 11 m.
		KULAKHERA 150 x 150 yds. . .	19½	109½	A village; supplies on notice; water from a nullah ½ m. N. of C-G, suitable site for which is ½ m. N. of road; a well (under construction) 200 yds. S. of the ground; country hilly and jungly, with patches of cultivation; road as in last stage; cross a stream (fordable, except after heavy rain) at 1, pass Bangara at 6 and Dhanour at 12 m.
		NARSINGARH 850 x 160 yds. p.o. t-a. b. . .	12½	122½	A large town, situated at the western foot of a fortified hill; supplies abundant; plentiful good water from 3 wells and a tank (for animals) on C-G, which is close to town, well shaded, but badly drained and becomes a quagmire in the rains; country jungly, with partial cultivation, and hilly in parts; road as above; nullahs generally fordable; pass a hill fort at Mangalgurh at 4½, cross the Farbat R. at 6½ m., by ford in dry season, by ferry (1 small dug-out) in the rains, and pass Barcia soon afterwards.
		BISANA . . .	13½	136	A small village; supplies on notice; fair water from a well 600 yds. N.E. of, and indifferent water from a well on C-G, small site for which is W. of road; country open and undulating, but hilly near Narsingarh, little cultivation; road metalled for a short distance, then a cart track as above; pass Pipila at 5½, cross the Sakar R. at 8½, and the Dadi at 11½ m., both fordable except after heavy rain.
		BHOPALPURA 200 x 80 yds. . .	11½	147½	A small village on E. bank of the Newaj; supplies on notice; good water from the river; site for C-G. W. of and close to village; country open and undulating; road a good cart track, but becomes miry and cut up after rain; nullahs easy to cross; pass Bhilwaria at 4½ and Karanwas, on Route 19, at 8 m.
		KARERI 19,000 s. yds. . .	0½	166½	A village; supplies procurable; good water from wells; site for C-G. S. of and close to village; country and road as above, latter roughly metalled in parts; pass remains of the old encampment at 1½, cross the Newaj (80 yds. wide) at 3½; only unfordable for a few days after heavy rain, pass Khanpur and Muraria, separated by a shallow, stony nullah, at 3 and Gorakpur at 8 m.
		KHILCHIPUR 300 x 200 yds. p.o. . .	0½	166½	A town on the banks of the Ghar; supplies procurable; plentiful good water from wells, that in the river is bad; C-G. on both sides of road, just before entering the town; country and road as above; nullahs easy; cross rocky bed of the Ghar (80 yds. wide) just before reaching camp, dry in hot weather and fordable in the rains.
		BHOJPURA . 200 x 80 yds. . .	0½	176½	A village; supplies on notice; good water from wells, but scarce in hot weather; site for C-G. on W. side of village; country and nullahs as above; road, a fair cart track, but stony, rough, and steep in places; pass Doulat at 4 and Dabli at 7 m.
		BHALTA . . .	10½	185½	A village; supplies on notice; plentiful good water from wells; small site for C-G. on left of road, just before entering village; country as above, but thick jungle for last 2 m.; road, first half a fair cart track, second-half bad, rough, and stony, very steep in parts, unsuitable for guns; pass Amlada at 3 m., and cross the Chnpi (fordable, except after very heavy rain) just afterwards.
		RATLAI . . .	12½	198½	A large village; supplies procurable; plentiful but indifferent water from wells; small site for C-G. W. of village; country hilly in parts and mostly jungle; road, first-half bad and rough, second-half good; nullahs as above; pass Banlikhera at about 4 m.
G. O. O. Bundelkhand District, Agra.	Political Agent, Jhalawar, Jhalawar.	RICHWAN . . .	7½	205½	A large village; supplies procurable; plentiful good water from wells; small site for C-G. near village; country hilly to the right and open to the left; road, 8 ft. wide, unmetalled, but good; nullahs as before; pass Barkhera at 5½ m.
		JHALAPATAN . . .	8½	214½	Country open and well cultivated; road, 30 ft. wide, metalled and good; cross the Kali Sindi R. at 2, by ford, over a good stone causeway, except for a few days after very heavy rain, and pass Munjara at 4½ m.
		BILWARA . . .	8½	223½	
		OSARA . . .	0½	233½	See Route 203.
		BHANPURA . . .	0½	242½	
G. O. O. Bundelkhand District, Agra.	Pol. Agent, Western Malwa, Kota, Kota.	TEHLA . . .	10½	252½	
		Total marches, 24 = 252½ m.			

ASTRONOMY		Names of stages and also of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C Nerbunda District, Jabalpur	By Order of Saugor, Saugor	PARSORIA .	14½	14½	See Route 37
		GARHAKOTA	14	28½	
		BANSA	12½	41½	
	Deputy Commissioner of Damoh Damoh	DAMOH	7½	49½	A village near the Barma, supplies on notice; plentiful good water from a large well on C.G., site for which is N of village, animals water at the river country undulating and barren; road, 10 ft wide, unmetalled, but practicable for all arms; nullahs unbridged
		JUHARU 100 x 200 yds	12½	60½	
		MALA	12½	73	
	Deputy Commissioner of Jabalpur, Jabalpur	SURAKA	8½	81½	A village near the Sun B., supplies must be collected, fair water from the river; plenty of level space in vicinity of village for C.G., country as above, road neither metalled nor bridged, but practicable for all arms, though bad for wheeled traffic in the rains, cross the Barma (100 yds. wide) on starting, by ford except after heavy rain
		MAHONIA 182 600 sq yds	11½	93	
		KUAN 87 610 sq yds.	8½	101½	
	Deputy Commissioner of Sahibpur, Sahibpur	BARALI 15 480 sq yds	10½	112	A small village, supplies must be collected; plentiful but very indifferent water from a tank and a well W of C-G, already site for which is N E of village, country and road as in last stage, pass Jhadi at 5 and cross the Giddorah Ghât at 7½ m
		BALA SANDUWARA	12½	124½	
		KHUNTARA 200 x 180 yds	11½	136	
	Political Agent in Bagdolband, Sahibpur	NARWAR 250 x 120 yds.	11½	140½	A large village, supplies on notice; abundant good water from 3 wells in village, 180 yds. N E of which is C-G; country jungle and sparsely cultivated; road unmetalled, but fair, pass Bahurien at ¾, cross the Bohar (bridged) at ½, pass Paryas at ¾, and cross the Bohar again at 7 m, by ford except after heavy rain
		MAITHOI 40,000 sq yds	10½	167	
		SINGWARA 80 000 sq yds p. a.	10½	177½	
Rajah Territory	Political Agent in Bagdolband, Sahibpur	BIRSINGHPUR (PALI) p-o r-s. b.	7½	175½	A fair-sized village near the Mucknar; supplies must be collected; good water from the river, on bank of which and 360 yds. S.W. of village is C-G; country as above, road a mere jungle path passable for cavalry in single file; cross the Mucka Nadi (100 yds. wide) near Gura at about 4, pass Akhar at 6, Jogi at 9 m, and cross the Mucknar at end of stage; both rivers are fordable except after heavy rain
		GHUNGHUTI r-s.	10½	185½	
		SOHAGPUR 200 x 168 yds p-o b	11½	197½	

ATTACHMENTS.		Names of stages and state of surrounding grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Noidanda District, Jubbulpore.	Itawah Territory. Political Agent in Jubbulpore, G. O. C. Noidanda.	KANOHANTUR	8½	205½	A small village; supplies must be collected; abundant good water from a tank close to N.E. corner of C.G., good site for which is about 660 yds. N. of village; country flat, open, and cultivated; road as before, but tolerably good, except at the nullahs, which are stony and difficult; pass Jamal at 4 m.
		DANPURI	6½	218½	A small village; supplies must be collected; abundant good water from a tank close to W. side of C.G., good site for which is about 660 yds. N. of village; country and road as in last stage; cross the Sarpa (70 yds. wide) soon after starting, by ford except after heavy rain, and pass Lalpur at 3 m.
		ANNUPPUR	19	237½	A village; supplies on notice; abundant good water from a tank 330 yds. E. of C.G., good site for which is in a mango grove ½ m. S.W. of village; country and road as above; pass Dhikauli at 5½, cross the Bikan (80 yds. wide) at 9½ and the Chanda (40 yds. wide) at 9½ m., both by ford except after heavy rain.
		DIHANGUWA	11½	249½	A small village; supplies from Jalithari (ca.), 3 m. distant; abundant good water from a tank 200 yds. N.E. of C.G., good site for which is in a mango grove E. of village; country open and fairly cultivated; road as above; cross the Tipan (200 yds. wide) en route, by ford except when in flood.
		SHUNDHA	8	257½	A small village; supplies on notice; abundant good water from a tank ½ m. from C.G., good site for which is 660 yds. E. of village; country hilly, but fairly cultivated, with jungle here and there; road as above; pass Lapin at 5 m.
		Total marches, 23 =	215 m.		

Route No. 575. FROM SAUGOR TO SIRONJ.

ATTACHMENTS.		Name of stages and state of existing grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Noidah District, Jubbulpore.	Deputy Commissioner of Saugor, Saugor.	NARAILI 500 x 400 yds. ca.	18½	13½	A village situated between 2 hills; supplies ample; good water from 2 large wells; C.G. N.W. of village; country hilly and cultivated; road metalled for first 1½ m., but bridged throughout, practicable for cavalry; cross the Anzami and Kuran rivers en route.
		MANDEA 200 x 200 yds. ca.	8	21½	A small village; supplies on notice; fair water from a large nullah; C.G. on both sides of road near ca.; country hilly with sparse cultivation; road 8 to 18 ft. wide and unmetalled, practicable for cavalry; cross the Davaon R. at 3½ by an easy ford over a crossway, and the Sondri (bridged) at 4 m.
		KCEAI p.o. ca.	11½	33½	A fair-sized town; supplies abundant; good water from 3 large wells; space to encamp a regt. S. of town; country hilly and jagged at first, afterwards open and cultivated; road for 4½ m. very rough and stony, but improves afterwards, passable for cavalry; nullahs bridged; cross the Kuran (fordable) at about 8½ m.
		HIEAN	11½	45½	A small village on left bank of the Bina; supplies on notice; good water from the river and a large well near C.G., a good site for which is close to road and N. of village; country open and cultivated up to 3 m., remainder jungle; road as above; pass Silga at 7 and cross the Bina (bed stony) at about 8½ m., by a ford (difficult) in dry season.
		KURWAI ca.	10	55½	A town with fort on right bank of the Betwa; supplies procurable; water from wells and the river; ample space for C.G. near town; country partially cultivated, and level; road metalled.
G. O. C. Mandla and District, M.P.	Political Agent in Mandla, M.P.	SHIRALPUR 500 x 200 yds.	14½	69½	A small village; supplies on notice; good water from a well on C.G., which is N. of road and river village, where there are 6 wells; country partly cultivated and partly jungle; road unmetalled, but in fair order; cross the Betwa on starting, by a stone causeway, and ford the Markhandi stream shortly afterwards.
		SIRONJ	9½	79½	See Route 475. Country and road as in last stage; cross the Juari at 4½ m., by an easy ford.
		Total marches, 7 =	74½ m.		

Route No. 576. FROM SEGOWLIE TO CHAPRA. via MOTIHARI, KESARIA AND MASIRAK.

ATTACHMENTS.		Name of stages and state of existing grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Chapra, Allahabad.	MOTIHARI	14	14	See Route 220.
		PIPRA	8	22	
		KALIANPUR	10	32	
		KESARIA 300 x 100 yds.	7½	39½	A large village; supplies easily procurable; plentiful good water from a well and stream near C.G., which is ½ m. E. of village; country well cultivated; road unmetalled, but bridged and in good order; pass Rajpur at 3½ and leave the road to Dinapore at 6 m.
		SATTAR 100 x 100 yds. 100 x 70 yds.	5½	45½	A small village on left bank of the Gandak; supplies on notice; good water from a well 20 yds. from C.G., site for which is about 300 yds. S. of the river; country fairly cultivated; road raised and bridged, but liable to inundation; cross the Gandak at Dekahs Uhm, at end of stage, by ferry, 6 boats, each carrying 75 men.

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O Allahabad District, Allahabad	Collector of Saran Chhapra	MASHRAK	12	57½	See Route 285 Country open and well cultivated, road tolerably good, except during the rains, nullah bridged, pass Madwa at 4 m
		GAURA 600 x 280 yds 200 x 100 yds.	10	67½	A village; supplies on notice, plentiful good water from a well W of road; C.G. on both sides of the road, near the 14th milestone from Chhapra, country as in last stage, road raised above high flood level, metalled and bridged good, except in the rains, pass Darwa at 7 m.
		CHAPRA	15	82½	See Route 52 Country and road as in last stage; pass Sanda at 13 m
		Total marches, 8 = 82½ m			

Route No. 577.
FROM SBGOWLIE TO DARBHANGA.
old MALLAI

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad.	Collector of Champaran Motihari	MOTIHARI	14	14	See Route 280.
		MIBPUR	10	24	A village, supplies on notice; good water from a well ½ m W of, and a tank 200 yds N.E. of, C.G. spacious site for which is 5 of road and ½ m E of village, country level, open, and well cultivated, road unmetalled but raised and bridged, cross the Bur Gandak at 6 m by ferry, 1 small and 2 large boats.
		DHAKA 870 x 100 yds p-o.	6	30	A village; supplies procurable, plentiful water from a well 60 yds S of and a tank 80 yds E of C.G., which is N of and close to bazar, other wells in village, country and road as above.
		JAMMOA HARPUR 160 x 160 yds	7	37	A village, supplies on notice, good water, limited in dry season, from a well, and (for animals) from a tank close to C.G. site for which is near village; country and road as above, cross the Laibokia near end of stage, by ford for 9 months, by ferry (1 boat carrying 60 men) in the rains
	Collector of West Tirhoot, Munassipur	MALLAI (SONOUL)	7½	44½	Country low and subject to inundation; road, a cart track, very difficult in the rains cross the old channel (usually fordable) of the Bagmati and the river, on route, by ferry, 2 boats and others on notice. See Route 511
		RIGHA	6	50½	
		SITAMARHI	9½	59½	
		BANGAON 165 x 160 yds	8	67½	A village, supplies on notice, plentiful good water from a well on, another near, and a stream N of, C.G. site for which is ½ m S. of village, country, high-land; road partly metalled, but bridged throughout; cross the ry line at 1 m
	Collector of East Tirhoot, Darbhanga.	PUPRI 110 x 70 yds p-o to r-s	8	75½	A village; supplies on notice, good water, for a batta, from 2 wells near C.G., site for which is ½ m W of village, country as above, road unmetalled, but raised and bridged, pass Pupri Factory at end of stage
		KAMTAUL	12	87½	See Route 221. Country as above; road unmetalled, but fair; pass Jegiam (r-s) at 4 m
		DARBHANGA	14	101½	See Route 210 Country and road as above; cross the Chota Bagmati soon after starting, and pass Basidpur at 6 m
		Total marches, 11 = 101½ m			

Route No. 578.
FROM SBGOWLIE TO GHAZIPUR.
old GOBINDGANJ, SIWAN, DARAULI AND NAGRA.

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District Allahabad.	Collector of Champaran, Motihari	SISWA 980 x 430 yds	11	11	A village, supplies on notice, plentiful good water from a well on, and a stream on E edge of C.G., which is ½ m W of village, country level, open, and cultivated, low and swampy in places, road unmetalled, but bridged, and tolerably good in dry weather
		GOBINDGANJ 600 x 640 yds p-o	11	22	A town on left bank of the Gandak R., supplies plentiful, abundant good water from a well (18 ft in diameter) on C.G. which is E of and close to village, country and road as above, pass Arroy Raj at 5 m.
		DARAULI 210 x 120 yds p-o.	10	32	A village on right bank of the Dhans stream; supplies on notice; plentiful good water from 4 wells on C.G., shaded site for which is on both sides of the road adjoining village; country and road as above; cross the Gandak on starting by ferry 10 boats and others on notice
	Collector of Saran, Chhapra	DARHARIA 160 x 90 yds p-o.	8	40	A small village, supplies scarce; good water from wells in adjacent villages, site for C.G. E of road and ½ m N of village, country as above; road unmetalled, but bridged and raised above high flood level; cross the Dhans (strongly bridged) soon after starting
		SIWAN	8½	48½	See Route 284(a) Country and road as in last stage.

ACCOMMODATION.		Name of stage and site of camping grounds.	DISTANCE.		REMARKS.
STAGE.	CAMP.		Miles.	Total.	
O. O. G. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	MAHWA . p.o. r.s.	12	60	A small town; supplies on notice; plentiful good water from a well on, and many others in vicinity of, C-G., small site for which is $\frac{1}{2}$ m. N. of road; country well cultivated; road metalled for first 2 m. only, but raised throughout; cross a nullah at 6, by ford in dry season, by ferry in the rains, pass Bangra at 7 m. and cross the Jharahi Nadi at end of stage, by ferry or temporary bridge.
		DARAU .	11	71	Country and road as in last stage; pass Punna at $\frac{1}{2}$ m.
		SIKANDARPUR .	6	78	See Route 63.
		NAGRA .	13	91	
		KASRA . 12,663 sq. yds. p.o. r.s.	8	99	A small town; supplies procurable; plentiful good water from wells on, and a tank 30 yds. E. of C-G., site for which is W. of and close to town; country level, open and fairly cultivated, but low and subject to inundation; road unmetalled, but fair in dry weather.
		KASIMAHAD . 27,530 sq. yds. p.o.	13	112	A small town; supplies on notice; good water, for a bath, from a well on C-G., site for which is W. of road and $\frac{1}{2}$ m. E. of town; country and road as in last stage; cross the Sarja at Sidhagah, about half-way, by ford in dry season, by ferry (1 boat, carrying 20 men, others on notice) in the rains.
		GHAZIPUR .	16	128	See Route 63.
		Total marches, 12 = 128 m.			

Route No. 579.

FROM SEGOWLIE TO MUZAFFARPUR.

BY MOTHARI AND BAHAL.

ACCOMMODATION.		Name of stage and site of camping grounds.	DISTANCE.		REMARKS.
Stage.	Camp.		Miles.	Total.	
O. O. G. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	MOTHARI .	14	14	None—This route is liable to be flooded in many places during heavy rain. See Route 220.
		PIPERA .	8	22	
		BANAH . 250 x 220 yds. p.o. r.s.	12	34	A village; supplies procurable; good water from a well S. of C-G., which is $\frac{1}{2}$ m. N. of village; country well cultivated; road, unmetalled, but bridged and tolerably good in fine weather, running parallel to the ry.
		MOTIPUR . p.o. r.s.	12	46	A village; supplies on notice; good water from 2 wells on, and the Danda Nadi within 300 yds. of C-G., small site for which is W. of road; country as above; road raised, bridged and partly metalled. The r.s. is $\frac{1}{2}$ m. distant.
		KANTI . 250 x 200 yds. p.o. r.s.	11	57	A large village; supplies on notice; good water from a well 200 yds. W. of, and from a branch of the Bar Garah R. of, C-G., which is W. of village and 1 m. N. of r.s.; country and road as above; pass Motipur and the Kanti factories on route.
		MUZAFFARPUR .	8	65	See Route 167. Country and road as above.
Total marches, 6 = 64 m.					

Route No. 580.

FROM SEGOWLIE TO NEPAL (KATMANDU).

BY BHOTOURA AND CHITLONG.

ACCOMMODATION.		Name of stage and site of camping grounds.	DISTANCE.		REMARKS.
Stage.	Camp.		Miles.	Total.	
O. O. G. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	BANGARWA . 170 x 250 yds. p.o.	6	6	A large; supplies procurable; good water from a stream; C-G. in a grove E. of road; country partially cultivated; road, a good unmetalled one, raised and bridged, in good order during fair weather, but gets badly cut up in the rains; cross the Bahmanya on starting, by ferry (6 boats, carrying 60 men each), and the Takeri at end of stage, by a wooden bridge.
		BAEPAL . 200 x 250 yds. p.o.	10	16	A village; supplies must be collected; plentiful but very indifferent water from a well W. of C-G., which is in a grove; country and road as above; pass Bahmanya on starting, at about 7 m. A railway to the Nepal Frontier is being constructed at Bahmanya.
		BEHMANAYA .	16	32	A small village on the edge of a large forest; supplies scarce; limited water from 2 wells in village, in fields pond which is suitable open for C-G.; country open and well cultivated; road unmetalled, but good; cross the Bahmanya on starting and a stream at about 11 m. both fordable except after heavy rain, when a small ferry plies.
		BICHAKOH .	8	40	A small village standing on a slight eminence on S. bank of the Bichakoh R., a flood, shallow stream; no supplies; abundant good water from the stream; C-G. in dry parts of the bed of the stream, except in rains, or, on clearings S.W. of L. road, a rough, sandy cut track, passing through dense jungle the whole way; no water procurable along it.

Route No. 587.
FROM SHAHPUR TO EDWARDESABAD
via MIANWALI AND ISAKHEL

ACCOMMODATION		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Raval Pind District, Raval Pind.	By Command of Shaheed, S. D. J. J.	KHUSHAB	8	8	See Route 7
		HADALI	9½	17½	See Route 367
		MITHA-TIWANA	6	23½	
		WAN KALIA.	14	37½	See Route 586(a)
		WANBHACHHAN	14	51½	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of District, Rawalpindi.	MIANWALI	16	67½	See Route 568
		ISAKHEL	18	85½	Country and road as before
					See Route 4.
					Country and road as before, except that the latter is impassable during the wet season, as the Indus overflows for miles; cross the river by ferry (4 hours) end of stage
		LANDIWAH	21	106½	A village supplies on notice, water from 2 tanks which are however dry for 4 months of the year when water has to be brought from the Kurram, 5 or 6 miles; sufficient G. O. available for a rest; country sandy and hilly, not unsettled, sandy and heavy, but practicable for wheeled traffic, crosses very range of hills at 7½ m
		NAUNANG SARAI	12	118½	Country as above road sandy and heavy until 5 m from Naunang Sarai, after which it is a good unmetalled road to the Kurram R. at 6 m.
		EDWARDESABAD	16	134½	See Route 4.
		Total marches, 10 = 138½ m			

Route No. 588.
FROM SHAHPUR TO KOHAT
via TALAGANG, PINDIGHEB AND KHUSHALGARH

ACCOMMODATION		Name of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Raval Pind District Raval Pind.	By Command of Shaheed, S. D. J. J.	HAJAR	10	10	See Route 367
		KATHA 260 x 150 yds p-o	8½	18½	Country flat and cultivated, road unmetalled but fair; cross the Jhelum at 6 by ferry
		JABA	12	30½	Two villages, supplies and camel-grazing plentiful, fair but limited water from stream near G-G which is close to Katha south country barren for first 7½ thence cultivated road unmetalled, but good and suitable for all arms, etc in hot weather
		KITCHI	11	41½	Country hilly and well cultivated; road as before
		TALAGANG	11	52½	See Route 7
		SARUKOT	8½	61	
		DOKH PATHAN (DOKH AL-GHANAN)	9½	70½	See Route 350(a)
		PINDIGHER	9	79½		For other remarks, see Route 350(a)
		BHAI DASSU	10	89½	See Route 350
		JAND	10	99½		For other remarks see Route 6.
G O C Punjab Frontier Force, Abbottabad	By Command of Shaheed, S. D. J. J.	KHUSHALGARH	9	108½	See Route 5.
		GUMBAT	16	124½	
		KOHAT	16	140½	
		Total marches, 12 = 158½ m			

Route No. 588(a).
FROM SHAHPUR TO KOHAT.
via KHUSHAB, MIANWALI AND KALABAGH.

367

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Shahpur, Shahpur.	KHUSHAB . . .	8	8	NOTE.—This route is very difficult and unsuitable for troops, and would only be used in cases of emergency. See Route 7.
		HADALI . . .	9½	17½	
		MITHA-TIWANA . . .	6	23½	} See Route 367.
		WAN KAILA . . .	14	37½	
		WANBHACHRAN . . .	14	51½	} See Route 568(a).
	Dy. Commr. of Bahawalpur, Bahawalpur.	MIANWALI . . .	16	66½	
		MUCH . . .	12	78½	} For other remarks, see Route 537. See Route 568.
		MARI . . .	15	93½	
		KALABAGH . . .	3	96½	} For other remarks, see Route 568. See Route 4.
		KUSHWAI . . .	14	110½	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	SHAKARDABRA . . .	14	124½	} A few huts; supplies must be obtained from Kalabagh; water from springs close at hand, but barely enough for a regt.; country hilly; road bad, passing from one nullah to another and traversing the salt range. A better route to Kohat from Kalabagh is by the Indus, as far as Khushalgarh, and thence by Route 5. Country and road as above.
		SHAWARI . . .	13	137½	
		LACHI . . .	9	146½	} See Route 369(b).
		KOHAT . . .	17	163½	
		Total marches, 14 = 163½ m.			} For other remarks, see Route 5.

Route No. 589.
FROM SHAHPUR TO MUZAFFARGARH.
via KHUSHAB, MACHIWAL AND RANGPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Shahpur, Shahpur.	KHUSHAB . . .	8	8	NOTE.—The road runs along the bank of the Jhelum, which afterwards becomes the Chenab, the whole way. See Route 7.
		HANOKA . . .	9	17	
		GIROTE p-o.	6	23	} A large village on right bank of the Jhelum; supplies on notice; good water from the river; small site for C-G. near village; country sandy; road, 12 yds. wide, unmetalled, but good, though sandy in places.
		JAUBAH p-o.	12	35	
		BALLU . . .	10	45	} A large village; supplies on notice; plentiful good water from wells in the vicinity; small site for C-G. S-W. of village; country and road as above.
		MARI SHAH SAKHRA p-o.	10	55	
	Deputy Commissioner of Jhang, Jhang.	KOT-SHAKIE p-o.	9	64	} A large village on right bank of the Jhelum; supplies on notice; plentiful good water from wells in the vicinity; small site for C-G. near village; country and road as above.
		MACHIWAL p-o. b.	8	72	
		ATHABANHAZARI . . .	13	85	} A small village; supplies plentiful; good water, for a battn., from 3 wells in vicinity of village, all round which is suitable land for encampment; country fertile; road unmetalled, but in fair order, and passable for all arms.
		TIBBA GAHLI 100 x 100 yds.	9	94	
		KOT MAHPAL 100 x 105 yds. b.	9	103	} A large village; supplies plentiful; abundant good water from 3 wells in vicinity of village, anywhere round which is suitable land for encampment; country as above; road as in last stage, but sandy for first 3 m.
		GARMHAHRAJA p-o.	8	111	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhang, Jhang.	AHNEDPUR-SYAL 105 x 105 yds. p-o. b.	13	124	} A large village; supplies plentiful; abundant good water from 10 wells in village, round which is space for C-G.; country sandy on the W., the Jhelum E. on the E.; road unmetalled, but good and passable for all arms.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Lahore District Nean Nier	Dr Commr of Muradpur, Muradpur	RANGPUR 14 320 sq yds p-o b	17	141	A large village, supplies plentiful; abundant water from a well near site for C-G, which is on level land W of village, country partially cultivated, road a broad, unmetalled one, generally in good order, but liable to be injured by floods in the hot weather
		SAMTY 72,000 sq yds. p-o b.	9	150	A small village, supplies on notice; plentiful good water from a well close to site for C-G, which is N-W of village; country fairly cultivated, road, a narrow pathway for first 4 m afterwards heavy, flooded in hot weather, and in places, cut up by water courses, canals bridged, pass Balpur at 4 m.
		LANGAR b	14	164	See Route 430
		MUZAFFARGARH	15	179	Country as before, road bad, impracticable for carts and cut up by water courses, water on route scarce and bitter
		Total marches, 17 = 170 m			See Route 470
					Country well cultivated, road tolerable and practicable for carts, but 2 m. of it are under water in the summer canal bridged, pass Alipur (p-o) at 3 m. Moradabad (p-o) at 6 m

Route No. 590.
FROM SHERGHATI TO DALTONGANJ (BIJRA).
and LESLIGANJ

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Gaya, Gaya.	BAIRI	9	9	A small village; supplies from adjacent villages on notice, plentiful good water from a well near site for C-G, which is on both sides of the road, in a small mango grove E of village, country fairly cultivated, road unmetalled and bad during rainy season, cross the Murhar (fordable in dry season) about half way
		IMAMGANJ 26,800 sq yds. p-o b.	9	18	A good sized village supplies on notice, good water from a well and the Murhar near which and in a mango grove N W of b, is site for C-G; country partially cultivated and partially jungle, road unmetalled and rather difficult; cross the Murhar (fordable, except in the rains) at about 2½ m and again towards end of stage
		BIKAPUR 53 800 sq yds	6½	24½	A small village on the Murhar, supplies on notice; good water from the river on bank of which, and in a mango grove S. of village, is site for C-G; country as in last stage, road unmetalled, but fair
		MANATHU 200 x 100 yds p-o.	15	39½	A village, supplies on notice indifferent, limited water from a well 400 yds. S of village round which is space (not cleared) for C-G, country hilly with occasional cultivation, road 18 ft wide, unmetalled but fit for wheeled traffic in dry weather, nullahs crossed and fordable
		TARHARI	12	51½	A village near the Amanat supplies on notice; fair water from the river, wells in village, N W of which and in mango groves, is site for spacious C-G, country and road as in last stage nullahs ramped and fordable at all times.
		LESLIGANJ	7	58½	Country slightly undulating and cultivated, road as above, nullahs bridged, suitable for all arms cross the Amanat on starting by ford in dry season, by ferry (1 boat carrying 20 men) in the rains
		DALTONGANJ (BIJRA)	10½	69	See Route 317
		Total marches, 7 = 69 m			For other remarks, see Route 227

Route No. 591.
FROM SHERGHATI TO LOHARDAGA.
and CHATRA AND BALUMATH

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District Fort William	Dr Commr of Hazaribagh, Hazaribagh	HUNTERGANJ	10	10	See Route 322 For other remarks see Route 318(a)
		JORI	9	19	
		CHATRA	11	30	
		SIBRAJPUR	9	39	
		CHUNIDIH	10	49	A small village; supplies on notice, good water for a batta, from wells about 1 m E of C-G small site for which is W of police post, country for 3 m open and cultivated, 11 on hilly and jungle; road as above, cross the Lilapan (70 yds wide) towards end of stage by ford in dry season, special arrangements must be made in the rains
		BALUMATH 150 x 150 yds p-o b.	13	61	A small village, long notice required for supplies, good water from wells and from the Amanat 2 m distant as to for C-G E of village, country as in latter part of last stage road as before; pass Juhm at 6 m and cross the Amanat (fordable in dry season only) soon afterwards
		CHANDWA	12	73	A village, long notice required for supplies, fair but scanty water from 2 wells in village; site for C-G on waste land, N of b. and W of road country as above road unmetalled and partly bridged, but not practicable for wheeled traffic in the rains, cross the Amanat (branch off) on route, by ford, except after heavy rain
					See Route 223 Country and road as in last stage.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Evelynsony District, Fort William.	Dr. Commr. of Lohardaga, Ranchi.	CHAMPI 20,000 sq. yds.	10	83	A small village; supplies on notice; fair water from springs and streams within 200 yds. E. of village, on either side of which is space for C-G.; country and road as above; cross the Deo at 2 and the Mahadara at 6 m., both by ford, except after heavy rain. A small town; supplies plentiful; good water from streams and wells within 800 yds. of C-G., suitable space for which is in fields S. and E. of town; country open and cultivated; road as above; cross the Koro at about 8 m., by ford, except after heavy rain.
		LOHARDAGA 20,000 sq. yds. p-o.	9	92	
		Total marches, 9 = 92 m.			

Route No. 592.
FROM SHILLONG TO CACHAR OR SILCHAR.
via JOWAI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assem District, Shillong.	Deputy Commissioner, Khasi and Jaintia Hills, Shillong.	MAWLYING-KNENG b.	16	16	A village; supplies on notice; good water, for a battn., from springs near b.; extensive site for C-G. on open grass-land N. of road and close to village; country hilly and undulating, partly cultivated, wooded and grass-lands; road for first 1½ m. metalled and 16 ft. wide, thence a bridle-path 8 to 10 ft. wide, gradients in parts very steep; cross 4 streams en route by wooden bridges, unsuitable for wheeled transport; pass Sorankam at 6½ and Panura (in dry season good water here from a stream 1 m. S. of b.) at 12 m. See Route 139. Country as above; road as in latter part of last stage; streams bridged; pass Parang at 4 and Nong-Rashi (b.) at 8½ m. Roads branch off at 10 and 17 m., the former N. to Karling, distant 8 m., and the latter (Route 139) E. to Gunjong. NOTE.—For a small party under 50 men, the more convenient stages to Jowai would be— (1) Panura 23 m. (2) Nong-Rashi 31½ " (3) Jowai 10½ " TOTAL 94½ m.
		JOWAI	17½	33½	
		JARAIN b.	11	44½	
		JAINTIAPUR p-o b.	17	61½	
	Deputy Commissioner of Sylhet, Sylhet.	KANAIGHAT p-o	17	78½	A large village; supplies procurable; good water from wells in village, S. and W. of which and also near b. are spaces for C-G.; animals water at a nullah; country and road as above as far as Sandal, 11 m., thence a continuous descent to the plains through forest, the last 4 m. through swampy land; gradients in parts steep, but practicable for mule transport; pass Maintrung at 8 m., where there is site for encampment and water procurable. A village on the Surma; supplies on notice; indifferent water from the river; site for C-G. in fields; country open and cultivated; road raised and temporarily bridged, practicable for mountain artillery; streams either fordable or crossed by ferry. A village near the Surma; supplies on notice; indifferent water from the river near which, and ½ m. N. of road, is site for C-G.; country as in last stage; road 12 ft. wide, unmetalled but good; nullahs bridged, but bridges are not suitable for artillery; cross the Surma on starting, by ford in dry season, by ferry (1 mtt. carrying 20 men) in the rains. A village; supplies on notice; plentiful good water from a tank, near which is site for C-G.; country and road as in last stage. A village on the Surma; supplies on notice; good water from the river, on bank of which is site for C-G.; country and road as above; cross the Kasiyara R. at 2 m., by ferry of rafts. See Route 529. Country and road as above; streams bridged.
		ATGRAM 200 x 200 yds. p-o b.	8½	86½	
		DIGHIRPAR	10½	97	
		SALCHAPRA p-o b.	14	111	
G. O. C. Assem District, Shillong.	Dr. Commr. of Cachar, Silchar.	CACHAR or SILCHAR. Total marches, 9 = 122 m.	11	122	

Route No. 592(a).
FROM SHILLONG TO CACHAR OR SILCHAR.
via SYLHET.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assem District, Shillong.	Dr. Commr. of Khasi and Jaintia Hills, Shillong.	MAOLIM	10	10	A village; supplies on notice; plentiful good water from a stream; no regular C-G., but extensive open land available; country hilly, with pine forest for 6 m., then open, undulating lands; road, 20 ft. wide, metalled and bridged, gradient 1 in 18, fit for all arms; pass the road to Mawlong at 6½ m.

AUTHORITIES		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Assam District, Shillong	By Commr of Khasi and Jaintia Hills Shillong	SURARAM b	14½	24½	A village; supplies on notice plentiful good water from a stream; no regular C.G., but extensive open land available, country and road as above pass Dampep (b) at 6 m.
		CHERHA POONJEE p-o. t-s b	8½	33	A village and old civil and military sta., supplies procurable plentiful good water from a stream; extensive open land available for encampment, country as road as above.
		THARIA GHAT r-s b.	9	42	A small village supplies on notice; good water from the Tharia R. no regular C.G., but a clearing could be quickly made, country, dense forest road above for first 1½ m., then a bridle path width 9 ft., to the plateau, grade 1 in 8, fit for horses in single file.
		COMPANYGANJ r-s b.	8	60	A small village on bank of the Peine supplies on notice; good water from the river, a site for C.G. could be quickly cleared, country trees forest for 2 m. then high grass jungle, road, a level bridle path, 10 ft. wide runs near the river.
		SALUTIKA b.	10	60	A small village on bank of the Chongro R., supplies on notice, plentiful good water; a site for C.G. could be quickly cleared, country high grass jungle with patches of cultivation, road as in last stage, bridges are liable to be carried away by floods, cross the Peine on starting, by ferry, 1 raft (carrying 25 men) and others on notice. During the rains the journey from Companyganj to Sylhet must be done by boats, or march across country.
		SYLHET	8	68	See Route 171 Country open and partially cultivated road and bridges as in last stage; during the rains the road from Sylhet to Cachar is not to be relied on and communication is then generally kept up by steamer down the Surma R.
	Deputy Commissioner of Sylhet, Sylhet.	GOLAPGANJ p-o. b	8	76	A small village on the Surma, supplies on notice, good water from the river, on bank of which is ample space for C.G., country as above, road, 20 ft. wide unmetalled, but fair, cross the Surma on starting, by ferry, 1 raft (carrying 25 men) and others on notice.
		KASIYARA RIVER b	14	90	A halting place supplies on notice; good water from the river, on bank of which is ample space for C.G.; country and road as above, pass Ramdoh at 6 m.
		KARIMGANJ p-o. t-s. r-s. b.	12	102	A small town on the Kasiyara, supplies on notice, good water from the river, on bank of which is ample space for C.G., country and road as above; cross the Kasiyara on starting by ferry of rafts.
		KASIYARA RIVER b	9	111	A halting place supplies on notice; good water from the river, on bank of which is site for C.G., country and road as above cross the Kasiyara on starting, by ferry of rafts, at 8½ m. the old Sylhet-Silchar road joins in.
		SALCHAPRA	12	123	Country and road as above, cross the Kasiyara on starting by ferry of rafts, and pass Badarpur (p-o. t-s) at 2 m.
		CACHAR or SILCHAR	11	134	See Route 592 For other remarks, see Route 592
	By Commr of Cachar, Silchar	Total marches, 18 = 134 m			

Route No. 593.
FROM SHILLONG TO DIBRUGARH.
and NOWGONG AND THE ASSAM TRUNK ROAD

AUTHORITIES		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C. Assam District, Shillong	By Commr of Khasi and Jaintia Hills Shillong Deputy Commissioner of Nowgong and Dibrugarh	UNIAM	9	9	A halting place; supplies on notice; good water from a mountain stream, site for C.G. on hillside, but would have to be cleared of jungle, country hilly and forest, road metalled raised and bridged suitable for arms, gradients do not exceed 1 in 15, at 4 m. there is a bridle path which reduces this march by 2 m.
		UNSLING b	9	18	A halting place supplies on notice, good water from mountain streams, site for C.G. on hillside, but would have to be cleared of jungle; country and road as above.
		UNRAO	9	27	A halting place, supplies on notice, good water from a mountain stream, site for spacious C.G. on open rolling-downs; country and road as above.
		UNLING	13	40	A halting place; supplies on notice, good water from a mountain stream, C.G. would have to be cleared, country and road as above, pass Nangphoi (p-o. t-s) at 5 and a bridle path, which saves a mile, at 10½ m.
		CROSS ROADS	11	51	Country and road as above, pass Barmit at 6 m. Gualati, a civil sta. and steamer-ghat on the Brahmaputra, is, by the main road, 10 m. N. of the cross roads.
		SONAPUR	8	59	
		NAKHOLA	14½	73½	
		ANLIGHAT	6½	80	See Route 205
		DHARANTUL	8½	88½	
		ROHA	12	100½	
		NOWGONG	14	114½	
		BHELUGURI	11½	126	

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Nowong, Nowong.	DIJU RIVER	8½	194½	See Route 205.
		JOKLABANDHA	12	146½	
		DEOPANI RIVER.	14	160½	
		HATHIKHALI	10	170½	
		DIPHLU RIVER	15	185½	
		NAMALIGARH	11	196½	
		BADLIPAR	10	206½	
		DERGAON	7	213½	
		BORDHOLI RIVER	8	221½	
		JORHAT	8	229½	
	Dy. Commr. of Jakhimpur, Dibrugarh.	KAKAJAN	10	239½	
		JHANJI	9	248½	
		GAURISAGAR	8	256½	
		SIBSAGAR	8	264½	
		DIMU RIVER	12	276½	
		DIHING RIVER	9	285½	
		SESSA GARUNIA	9	294½	
		DIBRUGARH	11	305½	
		Total marches, 30 = 305½ m.			

Route No. 594.
FROM SHILLONG TO GAUHATI.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Khasi & Jaintia Hills, Shillong.	UMIAM	9	9	See Route 593.
		UMSLING	9	18	
		UMSAO	9	27	
		UMLING	13	40	
	Dy. Commr. of Khasi & Jaintia Hills, Gauhati.	CROSS ROADS	11	51	For other remarks, see Route 592. See Route 205.
		GAUHATI	10	61	
		Total marches, 6 = 61 m.			

Route No. 594(a).
FROM SHILLONG TO GAUHATI.
via MAUFONG AND MAIRANG.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Khasi and Jaintia Hills, Shillong.	MAUFONG	14	14	<p>NOTE.—This is an unfrequented road, no supplies being obtainable throughout.</p> <p>A halting place, elevation 6,078 ft.; no supplies; abundant good water from a hill stream close to the road, on both sides of which are ample sites for C.G.; country hilly; road metalled and bridged, general width 12 ft., practicable for all arms.</p> <p>A halting place; no supplies; unlimited good water from a hill stream; plenty of space for C.G. on either side of the road; country as above; road about 12 ft. wide, unmetalled, but strongly bridged and practicable for all arms.</p> <p>A halting place, elevation 5,537 ft.; no supplies; unlimited good water from a hill stream (8 ft. wide) near road, on either side of which is ample space for C.G.; country and road as in last stage.</p>
		SAIYONG	7	21	
		MAIRANG	8	29	

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Assam District, Shillong	By Commr. of Khasi and Jaintia Hills, Shillong By Commr. of Kamrup, Gauhati	NONGKLAO . . .	10	30	A halting place, no supplies, unlimited good water from a hill stream near road, on either side of which is ample space for C-G, country and road as above
		UMLURE . . .	10	40	A halting place, no supplies, abundant good water from a hill stream near road, on either side of which is plenty of space for C-G, country and road as above, the bridges not in good order, cross the Khiri R. en route.
		KUTMANNAR . . .	14	63	A halting place, no supplies, plentiful good water from a hill stream near road on either side of which is plenty of space for C-G, country, road and bridges as above.
		RANIGODAM 300 x 100 yds . . .	14½	77½	A halting place, no supplies, unlimited good water from the Jagula R., say which and W of b. is C-G, now occupied by the huts of timber traders, country and road as above, latter strongly bridged.
		GAUHATTI . . .	17	94½	See Route 205
		Total marches, 8 = 94½ m			Country and road as in last stage

Route No. 595.
FROM SHILLONG TO KOHIMA.
via THE ASSAM TRUNK ROAD, GOLAGHAT AND DIMAPUR.

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Assam District, Shillong	By Commr. of Khasi and Jaintia Hills, Shillong By Commr. of Kamrup, Gauhati	UMIAN . . .	0	0	See Route 593
		UMSLING . . .	9	18	
		UMSAO . . .	9	27	
		UMLING . . .	18	40	
		CROSS ROADS . . .	11	51	
		SONAPUR . . .	8	59	
	By Commr. of Nongpung Nongvaing	NAEROLA . . .	14½	73½	See Route 203.
		ANLIGNAT . . .	6½	80	
		DBARAMTUL . . .	8½	88½	
		ROHA . . .	12	100½	
		NOWGONG . . .	14	114½	
		BHELOGORI . . .	11½	126	
	By Commr. of Sibangar, Sibangar.	DIJU RIVER . . .	8½	134½	A halting place; supplies on notice, grass scarce; good water from the Dimasur R., between the road and which is site for C-G, country and bridges as above, road, 6 ft wide, unmetalled but practicable for cars; cross the Dimasur (fordable for elephants in cold season) on starting, by a ferry of rafts.
		JOKLABANDHA . . .	12	146½	
		DROPANI RIVER . . .	14	160½	
		HATHIKHALI . . .	10	170½	
		DIPHLU RIVER . . .	15	185½	
		NAMALIGARH . . .	11	196½	
	By Commr. of Naga Hills District, Kohima	KHANTALGAON 15,800 sq yds . . .	6½	203	Country flat and cultivated, road and bridges as above
		GOLAGHAT . . .	10½	213½	
		NAMBORE . . .	11½	224½	
		BARPATHAB . . .	7½	232½	
		NAO JAN . . .	13½	246½	
		DOKA JAN . . .	11	257½	
		DIMAPUR . . .	18	269½	
		NICHUGAURD . . .	8½	278	
		GHAUSEFANI . . .	9½	287½	See Route 203.
		PIPHINA . . .	9½	297½	
		ZUBZA . . .	6	303½	
		KOHIMA . . .	8	311½	
		Total marches, 30 = 311½ m			

Route No. 596.
FROM SIALKOT TO DALHOUSIE,
via TRIMMU GHAT AND PATHANKOT.

373

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Sialkot District, Sialkot.	PHILLORA .	13	13	See Route 308.
		ZAFARWAL .	11	24	
		SHAHGHARIB .	9½	33½	
		NAYA KOT .	9	42½	
		NAINA KOT .	8	50½	Country fairly cultivated; road raised, and good except during the rains.
		TRIMMU GHAT .	4½	55	
		PARMANAND .	13	67	
		PATHANKOT .	11½	78½	
		SHAHPUR .	8½	86½	See Route 304.
		DHAR .	12½	96½	
G. O. C. Lahore District, Meera Meer.	Asst. Commr. of Dalhousie, Deputy Commissioner of Gurdaspur.	DUNERA .	10½	109½	For other remarks, see Route 175.
		NYNI KHUD .	10	119½	
		DALHOUSIE .	13	132½	See Route 175. For other remarks see Route 304.
		Total marches, 13 = 132½ m.			

Route No. 597.
FROM SIALKOT TO DHARMSALA,
via ZAFARWAL, PATHANKOT, AND NURPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Sialkot District, Sialkot.	PHILLORA .	13	13	See Route 308.
		ZAFARWAL .	11	24	
		SHAHGHARIB .	9½	33½	
		NAYA KOT .	9	42½	
		NAINA KOT .	8	50½	For other remarks, see Route 304.
		TRIMMU GHAT .	4½	55	
		PARMANAND .	13	67	
		PATHANKOT .	11½	78½	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Kangra, Deputy Commissioner of Dharmasala.	NURPUR .	16	94½	Country hilly, road unmetalled, but suitable for wheeled traffic.
		KOTLA .	13½	107½	
		SHAHPUR .	11½	119½	See Route 175.
		DHARMSALA .	12½	132½	
		Total marches, 13 = 132½ m.			

Route No. 598.
FROM SIALKOT TO GANGWAL FERRY, on the Chenab.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Sialkot District, Sialkot.	GONDAL 400 x 400 yds. p.o.	10	10	A large village; supplies on notice; plentiful good water from 4 wells in the vicinity of O-G., which is W. of village; country fairly level and well cultivated; road unmetalled, but good and suitable for all arms.
		GANGWAL .	4	14	
		Total marches, 2 = 14 m.			A village; supplies on notice; water procurable; site for O-G. near village; country and road as above; cross the Chenab soon after starting by ferry, 4 large flat-bottomed boats.

Route No. 599. FROM SIALKOT TO GUJRAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Rawal Pind District, Rawal Pind	By Command of Sialkot, Deputy Commissioner of Gujrat, Gujrat	KULLOOWAL 430 x 420 yds p-o b	11½	11½	<p>Note—This road, except for the last few miles into Gujrat, is very difficult for wheeled transport.</p> <p>A small village near left bank of the Chenab, supplies on notice, abundant good water from 8 wells in the vicinity of C-G, which is about a mile from the river, country fairly level, open and well cultivated, road unmetalled, but fair and suitable for all arms in dry weather; nullahs bridged.</p>
		MOHUTA	6½	18	
		GUJRAT	14½	32½	<p>A village near right bank of the Chenab, supplies on notice, plentiful good water from cultivation wells in the vicinity, extensive site for C-G in fields, country as above, road unmetalled and very difficult for carts passing over heavy sand on both banks of the Chenab, cross the river, which takes several hours, soon after starting, by ferry, 9 flat bottomed boats, each carrying 50 men.</p>
		Total marches, 3 = 32½ m			<p>See Route 260</p> <p>Country as above, road unmetalled as far as Jalalpur (p-o. 1-2) passed at about 5½ m thence metalled and bridged.</p>

Route No. 600. FROM SIALKOT TO JHANG.

via WAZIRABAD, JALALPUR, AND BUKHARI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Rawal Pind District, Rawal Pind	By Command of Sialkot, Deputy Commissioner of Gujrat, Gujrat	SAMBRIAL 370 x 390 yds p-o r-a b	14	14	<p>A large village, supplies procurable, plentiful good water from 7 wells within 200 yds of C-G, which is N of road, country level and well cultivated, road metalled and in good order, running parallel to the ry pass (p-o) at 7½ m.</p>
		WAZIRABAD	14	28	
		SAROKI 115,930 sq yds p-o	9½	37½	<p>See Route 260</p> <p>Country and road as above, pass Kopra at 5 m.</p> <p>A village supplies on notice, plentiful good water from a well on, and others in vicinity of C-G, which is E of road, country level, open and partially cultivated; road, 60 ft. wide, unmetalled, but suitable for all arms, pass Vidala at 3 m.</p>
		RAMNAGAR	12	49½	<p>See Route 298</p> <p>Country and road as above, pass Mandiala at 7 m.</p>
		VANIKE 105,930 sq yds p-o	14	63½	<p>A village, supplies on notice, plentiful good water from wells within 100 yds of C-G, which is N-E of village, water also from a branch of the Chenab canal; country and road as above, pass Nikki at 7 and Thani at 12 m.</p>
		JALALPUR	16	79½	
		PINDI-BHATTIAN	13½	93½	<p>See Route 269</p>
		SHEKHAN	10	103½	
		CHINTOT	12	115½	
		BUKHARI	9½	124½	
		BHAWANA	14½	139½	
		KHIWA	14	153½	
		JHANG	15½	168	
		Total marches, 12 = 168 m			

Route No. 601. FROM SIALKOT TO KHOJA CHAK FERRY, on the Chenab.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Rawal Pind District, Rawal Pind	By Command of Sialkot, Sialkot	SAIDPUR 200 x 200 yds	10	10	<p>A small village near left bank of the Chenab R., supplies on notice, abundant good water from wells in vicinity of C-G, which is close to village, country undulating; road 30 ft wide unmetalled, but in fair order, nullahs bridged. Khoja Chak ferry is a mile from Saidpur across the Chenab, it has 4 flat bottomed boats, carrying 50 men each.</p>
		Total marches, 1 = 10 m			

Route No. 602.
FROM SIALKOT TO SRINAGAR.
via JUMMOO AND THE BANJHAL PASS.

875

ACTIVITIES.		Name of stages and class of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Post-hut in Kashmir, Srinagar.	RANDBIRSENGHPUR p.o.	14	14	NOTE.—The route by the Banjhal pass is the high road between Jummoo and Kashmir and may be considered practicable for laden ponies all the year round, but is occasionally closed for a few days during heavy falls of snow; European travellers are not, however, allowed to proceed along it without special permission from the Maharajah.
		JUMMOO p.o.	13	27	A large village with a newly-built bazar, commonly called Nawashahr; supplies procurable; water good and plentiful; country level, open and well cultivated; road up to British boundary installed, and beyond it in fair order; leave British territory at 8½ m.
		NAGROTA b.	6	33	A partly walled town, the chief residence of the Maharajah of Kashmir; supplies and water abundant; country as above until nearing the Tawi (crossed by a wire rope suspension bridge), when it is undulating and juncly; road tolerably good, stony towards the end. The town of Jummoo is situated on a commanding position 150 ft. above the level of the stream; the Rao Fort lies opposite to it on left bank of the river at a similar elevation.
		PANSEAL p.o.	10	43	A small village; supplies and water procurable; the situation of the village is low and swampy, but a low ridge to the N. offers suitable site for encampment; the road descends to the Tawi by sloping stone steps, which are rather slippery, and follows right bank of the river over rough and stony ground; at 2 m. it passes a temple on a high bank to the W., and a little further on leaves the main stream, improves, passes another temple and a well, then lies through fields crossing the stony beds of several streams before reaching Nagrota.
		UDHAMPUR p.o.	12	55	A considerable village, situated about ½ m. S-E. of the Chuparad stream; supplies procurable; water from wells and a tank; space for C.G. in a shady garden N-W. of village; country as in last stage; road, which is smooth and level at first, crosses the bed of the Chuparad, and then ascends to the top of the Kharit, whence there is an extensive view of the neighbourhood of Jummoo; it then descends along the ridge with many ups and downs, and in places awkward for laden animals, owing either to the steepness of the path or the narrowness of the passage worn in the friable rock, and finally descends to Panseal.
		PHARISTAL b.	12	67	A town; ordinary supplies and labour are procurable; water plentiful; within a mile after leaving (down) the Chuparad is the tributary of the Tawi, almost always fordable; pass at about 2 m. a karai and tank, whence the precipitous ascent of the Karai range commences; the pass is about 3,500 ft. high, and the road stone-paved nearly all the way; the descent is rough and undulating for about 2 m. after which a fair stretch of country is passed through till near Udhampur, when the road descends to a stream and then rises up to the plateau on which Udhampur is situated.
		BALOTI b.	12	79	A small village, elevation 3,700 ft.; no supplies or coolies obtainable; water procurable; on leaving the plateau of Udhampur the road follows the line of an unfenced and abandoned canal and is easy up to 9 m., where the Tawi R. is again followed; from this point the road rapidly ascends the slopes of the mountains till the stage is reached.
		RAMBAN p.o.	15	94	A village; supplies, water and coolies procurable; the road ascends almost the whole way; at 2½ m. pass Chinnai, an important town with p.o.; from here the road winds up a nullah to the Lattalhar range, and, though steep and difficult in places, is reliable, and at about the 7th m. the pass (7,000 ft. high) is crossed; after a descent of 3 m. Baloti b. is reached.
		RANFU b.	13	107	A village, elevation 2,400 ft.; supplies and water plentiful; on a small plain on W. side of village is a shady space for C.G., hot in summer; it is better to camp in the shady groves along the Chenab; the road is now amongst high mountains and in parts difficult and rather dangerous; after a few ascents and descents the road drops rapidly to the valley of the Chenab, the river being crossed near end of stage, by a suspension bridge.
		BANJHAL b.	10	117	A small village, elevation 4,100 ft.; few supplies procurable; water plentiful; the road crosses a stream, runs along right bank of the Chenab, and is pretty level for 2½ m., then crosses a nullah by a large wooden bridge and commences a steep, rapid ascent and descent to the Bichhari (temporarily bridged, but bridge is often carried away), very difficult for laden animals and care must be taken, particularly in the latter part of the stage.
		VERNAG b.	11	128	A village, elevation 5,650 ft.; supplies procurable; water plentiful; country wooded and partially cultivated; this road has been reconstructed, and the march is easy and may be ridden in 3 hours; the Bichhari stream is followed all the way and crossed twice; at 8 m. the Banjhal valley is entered.
		ISLAMABAD	16½	144½	A large village, elevation 6,500 ft.; supplies and coolies abundant; a celebrated spring, one of the sources of the Jhelum, gives ample water; road for first 4 m. follows the left bank of a stream, smooth and level; thence bends to the E., passing through Giral, after leaving which it bends more to E. and commences to ascend by a very fair road till foot of the pass is reached at a place called Takli, a few houses and a good spring, elevation 8,500 ft.; from here the ascent of the Banjhal pass commences by zigzags, steep but not dangerous; small huts are built on the hillside as refuges for travellers during winter, when a dangerous wind often prevails; a very good view of the Kashmir valley is obtained from the top of pass, which is 9,200 ft. high; descent is easy, though somewhat rough and stony till the last mile, which is level.
		AVANTIPUR	18	162½	Country level, open and well cultivated; pass Shahabad, a large village where a halt might be made, at 4, cross the Diring, a branch of the Jhelum, at 6 m., and the Arpat at end of stage, both bridged; some of the streams are difficult after heavy rain.
		SRINAGAR	17	179½	For other remarks, see Route 6.
		Total marches, 14 = 179½ m.			

Route No. 602(a).
FROM SIALKOT TO SRINAGAR.
 via KRINCHI AND THE BANIHAL PASS

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Kashmir Territory	Resident in Kashmir, Srinagar	RANBIRSINGHPUR	14	14	See Route 602
		JUNMOO	13	27	
		NAGBOTA .	6	33	
		DANSAL . .	10	43	
		KRINCHI .	13	56	A good sized village, commanded by a ruined fort situated on the top of an isolated hill about 200 ft high, coolies scarce, supplies and water procurable, space for C-C before reaching the village; country as in last stage, road descends to the bed of the Chaparkad by a paved path (stream about 70 yds. wide and knee-deep in the rains) and then proceeds with continual ascents and descents, crossing the Dedar, which is about 70 yds. wide and almost waist deep, and, passing two loop-holed towers at the entrance to the villages of Guchhi and Hatti, descends to Krinchu.
		MIR . . .	9	65	A widely scattered hamlet; coolies and supplies not to be depended on, water good, road passes down to a small stream about 10 yds wide and waist-deep in the rains, then through rice fields to the Biru, which is about 60 yds wide and waist-deep; thence along the left bank of the stream and up the bare side of a hill to the village of Tura, after which a succession of ascents and descents, till it descends into the valley of Mir.
		LANDRA . .	8	73	A scattered village with a small fort; supplies procurable, water abundant, road makes a gentle ascent for 1½ m; after an easy descent an open grassy ridge, on which are some old graves, is reached and crossed, then a steep and stony descent through the village of Chelana; cross two torrents through cultivation, road still descending rather steep and stony, to village of Bakul thence across a stream about 20 ft wide, but so deep and swift in the rains that the passage is frequently interrupted for some hours, ascend the opposite hill; road steep and stony to commencement of village of Landra, continue about a mile through fields and cross a stream to the fort.
		BILLAUR . .	10	83	A scattered hamlet, supplies procurable, water scarce; limited space for C-G, country hilly and thickly wooded, road ascends to top of the Lero Lado and then descends, steep and stony in places, but the descent is better than the ascent; from the top of the ridge there is said to be a bye-path to the E by which laden coolies can reach Krinchu in two days.
		RAMBAN . .	7	90	Country as in last stage, road fair with continual ascents and descents, crossing the Chenab by a bridge of 190 ft span; after crossing the river it turns W along the right bank and is mostly level and smooth.
		RAMSU . .	13	103	
		BANIHAL	10	113	See Route 602
		VERNAG . .	11	124	For other remarks, see Route 602.
		ISLAMABAD	10½	140½	
		AVANTIPUR .	18	158½	See Route 203
		SRINAGAR . .	17	175½	For other remarks, see Route 8
		Total marches, 16 = 175½ m			

Route No. 602(b).
FROM SIALKOT TO SRINAGAR.
 via AKNUR AND SHAPION

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O O Raval Firdi District Rawal Pindi.	Dr. Comar of Sialkot, Sialkot.	CHAPRAR 300 x 900 yds p-o	11	11	A good-sized village, supplies on notice, abundant good water from 4 wells in the vicinity of C-G, which is N of and close to village, country level, open and fairly cultivated; road, 60 ft wide, unmetalled, but fair and suitable for all arms.
		GUJARSO	10	21	A small village, supplies must be collected; good water plentiful, country level, open and fairly cultivated, road fit for carts, cross the Tawi R at 4 m, by a ferry or ford.
		AKNUR	13	33	A large village; supplies procurable, water plentiful; country undulating, road fit for mules, cross the Chenab at end of stage, by ferry. The Chenab is not navigable above Aknur.
		JANDRA-KI-BAOLI	7	40	A few huts, no supplies, water rather scarce, country, low hills, covered with thick jungle, the road lies up the stony bed of a torrent for about 5 m; pass tanks at 2 and 3 m. respectively.
		PONI	6	46	A large village situated in a wide fertile valley, supplies and good water plentiful, country as in last stage; the path follows the stony bed of a torrent, till it meets the bed of a small stream, where there are two or three houses, and then it ascends from the bed of the stream and crosses a ridge, a stream is now forded and the path runs for 2 m. direct across the valley.
		CHELE	8	56	A small village; no supplies, water from a stream; fair C-G below the village; country hilly and barren, road very bad almost impracticable for laden animals; a stiff ascent over a rugged hill, ½ m. beyond the summit of which, pass Chountra, a steep descent, after passing Chele, to the camp.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Resident in Kashmir, Srinagar.	NAR . . .	13	68	A few houses; no supplies; water procurable; country hilly and jungly; road difficult and stony, following the bed of a stream, which is crossed very often for some distance; pass Gondali at $3\frac{1}{2}$ m.; the last 2 m. a steep rugged ascent, very difficult for laden animals.
		BHAGOLI . . .	8	76	A very small village; no supplies; fuel and water procurable; country and road as in last march; a steep ascent for 3, then along the crest of the hill for 3, and a stiff descent for last 2 m.
		BUDIL . . .	5	61	A large village, with a good deal of cultivated ground; supplies and water plentiful; C.G. good; country and road as above; descend for $3\frac{1}{2}$ m., then cross a stream by a ford knee-deep, and ascend to camp; a small fort here.
		ABID . . .	4	85	A few scattered houses; no supplies; water from a stream, very limited; C.G. fair; country and road as above; pass Barot at 2 m., ascend a ravine by a stony and bad road, and camp in a sheltered spot at the foot of the pass.
		DELHI . . .	7	92	A few houses; no supplies; wood and good water procurable; country mountainous; road generally bad, a stiff ascent for $1\frac{1}{2}$ m., then 3 m. of fair road, afterwards a steep descent.
		NAZIM-DI-GARHI . . .	14	106	No supplies; wood and water procurable; encamp near a stream; country mountainous and barren; road difficult and stony; a stiff ascent, then for 4 m. along a bare hillside to the foot of the pass, ascent again for about 2 m., then a gradual descent on the other side for a short distance.
		SHAPIYON . . .	11	117	Country hilly, well wooded in parts; road fair.
		RAMU . . .	12	129	See Route 303.
		SRINAGAR . . .	18	147	For other remarks, see Route 6.
		Total marches, 16 =			
147 m.					

Route No. 602(c).
FROM SIALKOT TO SRINAGAR.
via AKNUR, RAJAORI, THE PIR PANJAL PASS AND SHAPIYON.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Command of Sialkot.	CHAPRAR . . .	11	11	See Route 602(b).
		GUJANSO . . .	10	21	
		AKNUR . . .	12	33	
		TANDA . . .	6	39	A small village, with a sarai; supplies and good water procurable; country, low hills, covered with jungle; road tolerable, but stony in parts.
		DABB . . .	11	50	A few houses, with an old sarai; supplies scarce; good water procurable; country as in last stage; road difficult and stony, passing up and down several ravines; the last ascent and descent are steep.
		THANDA PANI . . .	12	62	A few houses, with a sarai; supplies procurable; good water plentiful; country as in last stage; road rather better. There is a new and more direct road between Aknur and Thanda Pani, which makes the following stages:— Burnal 10 m. Thanda Pani 14 " TOTAL 24 m.
		DHARMSAL . . .	10	73	A sarai; supplies and good water procurable; country as above; road very fair, crossing a low range of hills covered with brushwood.
		SIALSAI . . .	10	82	A village, with a sarai; supplies scarce; good water procurable; country and road as above; cross one steep range.
		RAJAORI (RANPUR). . .	14	96	Country as above; road good; some of the streams are large, and difficult after rain.
		THANNA MANDI . . .	14	110	See Route 303.
		BARANIGALA . . .	10	120	
		POSHIANA . . .	10	130	
		ALIABAD SARAI . . .	11	141	
		HIRPURA . . .	12	153	
		SHAPIYON . . .	8	161	
		RAMU . . .	12	173	For other remarks, see Route 6.
		SRINAGAR . . .	16	191	
Total marches, 17 =					
191 m.					

Route No. 602(d).

FROM SIALKOT TO SRINAGAR.

via BHIMBAR, RAJAORI, THE MAJI TIE PASS, URI AND BARAMULA.

AUTHORITIES.		Names of stages and sites of stamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O Caval Finc's District, Rawal Pindi	By Commr of Sialkot By Commr of Gujrat Resident in Kashmir, Srinagar	KULLOOWAL .	11½	11½	See Route 599
		MOHUTA .	6½	18	
		JALALPUR . P-o t-s	8	26	A town of considerable importance, supplies abundant, plentiful good water from wells in the vicinity of G O, site for which is near town, country level, open and well cultivated, road, 80 ft. wide, unmetalled, but suitable for all arms. Country and road as before.
		DAULATNAGAR .	11	37	
		KOTLA . . .	7	44	
		BHIMBAR . . .	8½	52½	
		SAIDABAD .	14	66½	See Route 808
		NAOSHERA .	12	78½	
		CHINGASS SARAI .	14	92½	
		RAJAORI (RAMPUR)	14	106½	
		THANNA MANDI .	14	120½	See Route 308(a)
		SURAN . . .	16	136½	
		PUNCH .	14	150½	
		KABUTA .	12	162½	
		ALIABAD . . .	9	171½	See Route 8
		HYDRABAD .	8	179½	
		URI . . .	14	193½	
		NAOSHERA .	14	207½	
		BARAMULA .	9	216½	For other remarks, see Route 303(a)
PATAN . . .	16½	232½	See Route 8		
SRINAGAR . . .	17½	250½			
		Total marches, 21 =			
		250½ m.			

Route No. 602(e).

FROM SIALKOT TO SRINAGAR.

via JUMMOO KISHTWAR AND ISLAMABAD

AUTHORITIES.		Names of stages and sites of stamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Kashmir Territory	Resident in Kashmir, Srinagar	RANGIRSINGH- PUR	14	14	See Route 602.
		JUMMOO .	13	27	
		NAGROTA .	6	33	
		DANSAL .	10	43	
		UDHAMPUR .	12	55	A small village, supplies and water procurable; country and road as above
		DHARNAL .	12	67	
		BALOTI .	12	79	
		ASAR .	16	95	
		KALLAN .	15	110	A small village; supplies and water procurable, country hilly, with cultivation in the valleys, road difficult in places.
		BHELI .	11	121	
		ZANGLWAR .	14	135	A village, supplies and water procurable; country hilly and well wooded, road fair

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Resident in Kashmir, Srinagar.	JOSHNI . . .	8	141	Country and road as in last stage.
		KISHTWAR . . .	15	156	
		MUGHAL MAIDAN . . .	16	172	
		SINGPUR . . .	16	188	
		WANKERINGI . . .	16	204	
		WANGAM . . .	12	216	See Route 203.
		ISLAMABAD . . .	17	233	
		AVANTIPUR . . .	18	251	
		SRINAGAR . . .	17	268	For other remarks, see Route 8.
		Total marches, 20 = 268 m.			

Route No. 603.
FROM SIBSAGAR TO BOMJUR.
via THE ASSAM TRUNK ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Sibsagar, Sibsagar. Deputy Commissioner of Lakhimpur, Dibrugarh.	DIMU RIVER . . .	12	12	See Route 205.
		DIHING RIVER . . .	9	21	
		BESSA GARUNIA . . .	9	30	
		DIBRUGARH . . .	11	41	
		CHABUA . . .	17½	58½	
		TINSUKIA . . .	12	70½	A small military police stockade; supplies on notice; water from the Dihang R.; C-G., country and road as in last stage; pass Dihang Fort at 5 m. A military police stockade; supplies on notice; good water from the Dihang R.; C-G. as in last stage; country covered with forest; road as above; cross the Dihang R. en route.
		DOOM-DOOMA . . .	16½	86½	
		SAIKWA GHAT . . .	16½	102½	
		SADIYA . . .	5	107½	
		KERAMPANI . . .	11	118½	
		BOMJUR . . .	13	131½	
		Total marches, 11 = 181½ m.			

Route No. 604.
FROM SIBSAGAR TO JEYPORE (ASSAM).
via KENDUGURI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Lakhimpur, Sibsagar. Deputy Commissioner of Dibrugarh.	DISANG RIVER . . . 128,000 sq. yds.	12	12	Encamp on right bank of the Disang; supplies procurable from neighbouring villages; good water from the river; country, a level plain covered with jungle; road level, unmetalled, general width 14 ft., practicable for carts; nullahs (fordable, except after heavy rain) temporarily bridged; cross the Dorka soon after starting, and the Disang at end of stage, both fordable in cold season, ferry (1 raft, carrying 25 men) in the rains.
		DIROI RIVER . . . 78,800 sq. yds.	10	22	Encamp on right bank of the Diroi; supplies must be collected; good water from the river; country, road and nullahs as above; cross the Diroi at end of stage, by ferry, 1 raft.
		KHARGHORIA PUKRI . . . 240,000 sq. yds.	7	29	Encamp on high ground close to a tank; supplies from neighbouring villages; water, not very good, from the tank; C-G. would have to be cleared of jungle; country, road and nullahs as above.
		KENDUGURI . . .	17	46	A village on the Dihing R.; supplies scanty; good water from the river, on bank of which, and W. of village, is site for small C-G.; country, road and nullahs as above.
		DESAM . . .	13	59	A halting place; supplies scanty; good water from the Desam R., on bank of which and close to road is site for C-G.; country, road and nullahs as above.
		JEYPORE . . .	8	67	See Route 207.
		Total marches, 6 = 67 m.			Country and road as before.

Route No. 604(a).
FROM SIBSAGAR TO JEYPORE (ASSAM).
via SUFFRY

ARTIFICIERS.		Names of stages and also of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Assam District, Shillong	Deputy Commissioner of Lakhimpur, Sibsagar, Dibrugarh.	NAZIRA	9½	9½	Country flat and partially cultivated, road, 16 ft wide unmetalled but bridged over nullahs and suitable for laden animals, cross the Dihka on starting, by ferry
		DULBAGAN.	7½	17	
		SUFFRY.	8	25	See Route 286
		TEOK.	9	34	
		SAPAKATI.	8½	42½	
		DILLIT.	12	54½	
		JEYPORE	7	61½	For other remarks, see Route 287
		Total marches, 7 = 61½ m			

Route No. 605.
FROM SILIGURI TO GANTAK, in Sikkim
via THE TISTA BRIDGE

ARTIFICIERS.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Presidency District, Fort William	Deputy Commissioner of Darjeeling, Dargachung, Sikkim.	KALIJHORA b	16½	16½	A halting place, no supplies but fuel abundant; plentiful good water from the Kalijhora stream, which is bridged, site for G-G on a level stretch of thickly wooded ground about 150 yds N-W of the bridge and in rest of b, country hilly and densely wooded. road good, metalled and bridged
		TISTA BRIDGE	18½	29½	
		RANGPO b	14½	44	Near the bridge is a small bazar no suitable place for G-G here, one of the following sites might be adopted (a) at 10½ m. from Kalijhora, near bridge No. 94, is a small piece of ground, about 70 yds long and 20 to 30 yds wide, on both sides of the road and 40 ft. above the river whence water is obtainable, fuel abundant, (b) a more extensive and better G-G, could be made about 2½ m. beyond the Tista Bridge, it is level and thickly wooded and situated at the point where paths to Gantak and Kalijhora bifurcate, good water from the Tista close by, country and road as above.
		PAKYONG p-a-b	10	54	
		GANTAK p-a. t-s.	10	61	A halting place where a weekly bazar is held no supplies for troops but fuel abundant; plentiful good water from the Rangpo R. on right bank of which is a level stretch of sandy ground about 200 yds long and from 30 to 100 yds wide with huts in the centre, available for G-G this site needs no preparation but is under rice cultivation from June to October; the triangular patch of ground on left bank (further side of bridge) on both sides of road is level, and, if cleared would make a spacious site. There is a new cart road, which is to be extended to Singtam, 4½ m from Gantak, where there are good sites for encampment
		Total marches, 5 = 64 m.			A bazar supplies on notice, fuel plentiful, water from standard pipe in bazar 250 yds from which and opposite b is a small level piece of ground suitable for encamping there is another small site about ½ m. beyond Pakyong in a level fenced field, under cultivation from June to October only, abundant good water from a spring 200 yds below, road as in last stage
					A military post in Sikkim; supplies procurable abundant good water from 6 standard pipes 40 yds N of parade ground which is used for G G, country hilly and wooded, road, a fair track steep in places

Route No. 606.
FROM SIMLA TO CHAKRATA.
via PHAGU AND MANDHOL

ARTIFICIERS.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Simla District, Umballa	Deputy Commissioner of Simla, Simla.	From the Church to— PHAGU p-a. b	12	12	A small village; supplies on notice good but limited water from 2 wells one 200 yds S-W of b, the other on slope below base; sufficient space on cultivated land near village to encamp a battery, country mountainous road good, metalled for first half of stage, pass Ranjani tunnel at 2½, the toll bar at 2½ (just beyond which the old Tibet road to Mashobra branches off) and cross the Mahan range at 6 m
		SYNJ.	8	20	
		DEAR	7	27	A small village, supplies on notice, good water from a ravine about 2 m. E' of village, close to which is small site for G G, country as above but dense forest towards end of stage road narrow and in a bad state of repair but passable for mountain artillery across the Gini stream, en route by a good bridge

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Simla, Simla.	PATERNALA	6	33	A small village; supplies on notice; good water (very scarce in village) from a ravine 1 m. distant; small site for C-G. close to village; country and road as above; ascend to a village near the summit of a hill, from which there is a long descent to a torrent, and after another steep ascent, the road leads for about 1½ m. through a magnificent forest of oak and holly trees.
		CHEPAL	10	43	A small village; supplies on notice; good water from 3 springs and a pond near C-G., small site for which is on E. side of road; country as above, with thick forests; road, 8 to 10 ft. wide, unmetalled, passable for infantry and mountain artillery; a steep descent about half-way, just before reaching the road to the Chur, which is distant from this point about 24 m.
		PEONTRI	9	52	A small village; supplies on notice from the surrounding villages; abundant good water from a water-course close to C-G., small site for which is near village; country and road as above; cross a small bridged stream en route.
		TIKRI	8	60	A small village; supplies on notice; good water from a spring 300 yds. distant; small site for C-G. below road and N. of village; country and road as above; descend to the Shalla (bridged) which is crossed at 2 m., then ascend and descend again to a valley, after which ascend for about 3 m.
G. O. C. Meerut District, Meerut.	Superintendent of Dehra-Dun, Dehra-Dun.	MANDHOL b.	5	65	A village; supplies scanty; water, scarce in dry season, from springs and streams within ½ m. of C-G., small site for which is on either side of the road, ½ m. S-W. of village; road, a good but steep bridle-path passing through a well-wooded forest; a steep descent from Tikri until a small stream is crossed; the descent then becomes more gradual till the end of the march, when it again becomes steep.
		MAINDROT 31,000 sq. yds.	9	74	A village, elevation 3,500 ft.; supplies scarce; good water from the Tonsa R.; C-G. at S-E. corner of village; country hilly; road as in last stage; a steep descent to the Tonsa, which is crossed at 5 m. by a wire suspension bridge, thence an easy ascent to camp.
		JAKNI LANI 200 x 65 yds. b.	10	84	A halting place about ½ m. N. of the village of Bhataria; supplies scarce; good water obtainable all the year from a stream about ½ m. E. of C-G.; country and road as above, latter nearly all up-hill.
		KINANIPANI	11	95	A halting place; no supplies; good water from a stream, about ½ m. from which and N. of road is small site for C-G.; country and road as above; first half of march down-hill, rest up-hill.
		CHAKRATA	15	110	See Route 406. Country and road as above; gradient easy along the top of the main ridge between the Tonsa and the Jumna; pass Deoband at 11 m., whence there is a rather steep descent to Chakrata.
		Total marches, 12 = 110 m.			

Route No. 607.
FROM SIMLA TO THE CHUR PEAK.
via PATERNALA.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Simla, Simla.	PRAGU . . .	12	12	See Route 606.
		SYNJ . . .	8	20	
		DHAR . . .	7	27	
		PATERNALA . . .	6	33	
		KAGNAI . . .	18	46	A village, situated on a projecting ridge; supplies easily procurable; water plentiful; road for 6 m. leads through the Paternalia forest, then, leaving the Chakrata and Mussoorie road, descends for some distance down the side of a grassy mountain, and passes a village by a stream at about 11 m.
		SIRRAHA . . .	12	68	A large village on the right bank of a torrent; supplies and water easily procurable; shady C-G. $\frac{1}{2}$ m. beyond the village; road descends on starting for about a mile, when a large stream is crossed by a bridge; there is then an ascent for $2\frac{1}{2}$ m. through a wood, until the valley of Sirraha, backed by the Chur, appears in view; the road becomes very narrow and continues ascending and descending along bare hills, until a huge torrent is crossed by a good bridge; 2 m. beyond is Sirraha.
		CHUR PEAK. . .	5	69	For the first mile on leaving Sirraha the road is fit for riding; the ascent then becomes steeper and steeper, the path leading, until within 2 m. of the top, through a magnificent forest (about 1 m. from the summit there is a forest of birch trees, and just under the highest peak there is a spring of water. The summit of the Chur (elevation 11,982 ft.) is a knife-edge, covered with huge fantastic rocks and crowned by a cairn and "doota" dedicated to "Churi Chandai," the goddess of the peak.
Total marches, 7 = 68 m.					

Route No. 607(a).
FROM SIMLA TO THE CHUR PEAK.
via BHUJJAL AND BHAIROG.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dy. Commr. of Simla, Simla.	PHAGU	12	12	See Route 606.

AUTHORITIES		Names of stages and also encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Simla District, Umballa	Superintendent, Hill States, Simla.	DIKHTALI	13½	24½	A small village on right bank of the Guri, supplies on notice, water from the river, encamping space for about 2 companies, descend on starting by a good path down a long spur to Chaog, reached at 2 m., thence almost level for about a mile; at 8 m a path goes over the ridge to the right by Banga Pan, a picturesque glade with a temple and running stream; take the steep path which goes down hill leaving the temple on the right and pass near another temple on a bare ridge overlooking Dallaha village, whence there is a descent by a steep and rough footpath to the Simla-Chakrata road at 8 m the road drops by a series of easy zigzags to a much lower level and passes Kot at 12 m
		BHUJJAL	14	38½	
	Commissioner of Delhi, Delhi.	GALOG	4½	43	A small village few supplies on notice; water from the Buhari stream near which, and below road about ½ m beyond village, is encamping space for 2 companies, descend by the Simla Chakrata road to the Guri (favorable except after heavy rain) and cross to left bank, then ascend steeply for about 200 ft., pass Nari police stn and follow the right bank of the Bishara stream ascending very gradually but steadily along a fertile and picturesque valley, road is good and though difficult in places passable for camels
		BHAIROG	7	50	A small village no supplies except wood; abundant good water camping site for a batm., on cultivation, follow the Simla-Chakrata road for 1½ m. then strike up the Dharehu Khadi stream for about 200 yds., thence up a steep hill path on right bank, which is just practicable for laden mules, ascend about 1,000 ft., then through a splendid forest passing numerous streams, steadily rise to the wooded ridge above Galog, which lies in a hollow on E side of the hill
		OHUB PEAK	4½	54½	A small village elevation 10,000 ft., no supplies, plentiful water from a stream above which is space to encamp 4 companies, a fairly steep ascent along the watershed for 3 m through a dense forest to foot of Chargaal cliff, a precipitous mass of rock, which the path (now not passable for mules) ascends by steps, then on through dense forest to Bhairag
		Total marches, 6 = 54½ m			See Route 607 Proceed along a rough hill path, obstructed by fallen trees, through dense forest, then over grassy downs to foot of a steep ascent by steps in the rock; path emerges about 800 ft. below the summit, and then follows western slope of the hill to the top.

Route No. 608.
FROM SIMLA TO DAGSHAI

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Simla District, Umballa	Dy Commr of Simla, Simla	From the Camp to— KHAIRI GHAT	18½	18½	See Route 931
		SOLAN	13½	32	
		DAGSHAI	11½	43½	See Route 387 Country mountainous, road good and practicable for carts; leave the Kalka road at 9½ m., and ascend by an easy gradient to Dagshai, there is a mule path, which is nearly 3½ m. shorter, leaving the Kalka road at 7 m
		Total marches, 3 = 43½ m			

Route No. 609.
FROM SIMLA TO DALHOUSIE.
via BADI, HAJIPUR AND PATHANKOT

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C Simla District, Umballa	Dy Commr of Simla Simla	From the Church to— SAIRI	10½	10½	See Route 331(a)
		KAKARHATTI	10½	20½	
		KHADI	8	28½	
		BADI	11½	40	
		JUGATKHANA	11	51	
		ABIANA	8½	59½	
G O C Lahore District, Muzo Meer	Deputy Commissioner of Hajipur, Hajipur	NURPUR 108 530 sq yds p o.	7½	66½	A small village on right bank of the Satlej; supplies on notice, plentiful good water from wells close to O G., good but small site for which is near village country well cultivated road unmetalled sandy, and in some places stony but on the whole fair
		PHULAN 68 670 sq yds.	10½	77	A large village, supplies and water abundant, O-G good, country as above; road heavy in places cross several nullahs, which would be difficult after much rain
		SANTOKGARH 14,120 sq yds p o.	6½	83½	A fair-sized village supplies on notice; water good and plentiful O G good country and road as in last stage, pass Muzo at 2 m and ford the Solan R about half-way
					A village on the banks of the Solan R supplies on notice; water good and plentiful, O-G good, country and road as in last stage

ACTIVITIES.		Names of places and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Lahore District, Muzam Meer.	Asst. Commr. of Dalhousie, Dalhousie.	UNA 68,030 sq. yds. p-o.	8½	82½	A fair-sized town; supplies and water procurable; C-G. good; country fertile; road good, though sandy and heavy in places; cross and re-cross the Soban about half-way, always fordable.
		OHARURO 38,040 sq. yds.	12	101½	A small village; supplies on notice; water procurable; good C-G. near village; country hilly; road rather heavy in places, but fair; ford several tributaries of the Soban en route.
		AMB	8	112½	See Route 330(n). Country very hilly; road fair.
		DAULATPUR 16,600 sq. yds.	10½	123½	A small village; supplies must be collected; water procurable; fair site for C-G. near village; country and road as in last stage.
		TALWARA 84,010 sq. yds. p-o.	18½	137	A small village on the Beas R.; supplies on notice; water plentiful; C-G. good country and road as above; nullahs very stony.
		HAJIPUR 48,910 sq. yds. p-o.	9	146	A large village; supplies procurable; water plentiful; C-G. good; country tolerably well cultivated; road very heavy and broken in the rains; pass Hindwal at 6½ m.
		MIRTHAL	12½	158½	Country as above; road unmetalled, but good and practicable for wheeled transport. See Route 338.
		PATHANKOT	11½	169½	For other remarks, see Route 304.
		SHAHNUR	8½	178½	See Route 304.
		DHAR	12½	190½	
		DUNERA	10½	201	For other remarks, see Route 175.
		NYNI KHUD	10	211	See Route 175.
		DALHOUSIE	13	224	
		Total marches, 22 = 224 m.			For other remarks, see Route 300.

Route No. 610.
FROM SIMLA TO DHARMSALA.
via JUTOOH, BILASPUR AND SUJANPUR.

ACTIVITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Sirmur District, Umballa.	Asst. Commr. of Dalhousie, Dalhousie.	From the Church to JUTOOH 200 x 140 yds. p-o. b.	5½	6½	A cantonment; supplies procurable; good water, for a battn., from wells about ½ m. down the hill S. of cantonments; C-G. on the parade ground; country mountainous, some cultivation; good metalled road possible for all arms; pass Bolnaganj bazar at 2½ m.
		ENRI (i) 230 x 30 yds. (ii) 230 x 30 yds. (iii) 200 x 30 yds. p-o. h.	16	21½	A large village; supplies procurable; abundant good water from a stream 500 yds. from village; three plots of level cultivated land available E. of village for C-G.; country as before; road unmetalled, 7 to 8 ft. wide, very steep gradients, in good order, passable for infantry and mountain artillery; some nullahs are crossed which are at times impassable after heavy rain.
		NANULI b.	14	35½	A village; supplies on notice; water for 100 men and 100 animals from a spring and small stream close to C-G., a small site for latter being available on some cultivated land near village; country, road and nullahs as in last stage.
		BILASPUR 800 x 200 yds. p-o. b.	12	47½	A town on left bank of the Sutlej; supplies on notice; good water from the river, near which, and S. of town is C-G.; country and road as in previous stage; latter ascends and descends until the high range of hills is left; at 9 m. Rajpur is reached.
		KUNARHATI 200 x 50 yds.	9	56½	A small village; supplies on notice; unlimited water from a stream close to C-G., which is on level cultivated land near village; the above stream wells in the rains and at times has to be crossed on inflated musnicks; no boats available; country as above; road unmetalled, fairly level, 6 to 8 ft. wide, passable for infantry and mountain artillery; on leaving Bilaspur the Sutlej is crossed by a suspension bridge 8½ m. up stream; to reach this bridge a stream has to be crossed which is frequently impassable in the rains; pass Burthi at 4 and Bulloo at 6½ m.
		MAIR-KI-HATI	12	68½	A village; supplies must be collected; good but limited water from a well ½ m. E. of, and (for animals) from a small stream (in rains only) ½ m. below C-G., small site for which is situated close to village; country hilly and intersected by mountain streams and ravines; road unmetalled, good but not fit for wheeled traffic.
		HAMIRPUR p-o. b.	0½	77½	A village; supplies without notice for small parties only; plentiful good water in village, for animals from a stream; small site for C-G. S. of Patwar Khana; country as in last stage; road in good order, a mule track, no streams bridged except the Kunar R.; gradients steep where nullahs are crossed.
		SUJANPUR p-o.	13	90½	A town on left bank of the Beas R.; supplies on notice; water good and abundant; small C-G. E. of town; road is merely a mule track, in good order; some of the streams crossed have masonry bridges; 3 m. from Hamirpur, an unbridged stream is crossed, impossible when in flood.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Lahore District, Meera Meer	Deputy Commissioner of Kangra, Dharmasala	BURWANEH (BHOARNA)	14	104½	A large village, supplies easily collected, ample good water, small C-G W of road, country very hilly and intersected by numerous mountain streams, road is a mere mule track in fair order, the Deras R is crossed by ferry immediately below Suranpur, 2 boats available, each carries 100 men, all streams are bridged. A village, supplies on notice, abundant good water from a hill stream W of C-G, latter near village on both sides of road, country as in last stage, road not metalled and fairly level, width 14 to 20 ft., bridged with masonry and passable for all arms. Country as before, road good See Route 329
		DADH 165 x 100 yds	11	115½	
		LOWER DHARMSALA	10½	126½	
		UPPER DHARMSALA	5½	181½	
		Total marches, 12 = 131½ m			

Route No. 610(a).
FROM SIMLA TO DHARMSALA.
via BILASPUR, NADAUN AND JAWALANUKHI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Simla District, Unbhabla. G O C Simla District, Meera Meer.	Deputy Commissioner of Simla, Simla. Deputy Commissioner of Kangra, Dharmasala	From the Church to SAIRI	10½	10½	See Route 381(a)
		KUNJAR	9	19½	A village, supplies on notice; good water for a bath, from a stream ½ m. N. of, and (for animals) from a large tank in, village, close to which is small site for C G, cultivated ground in vicinity is also available for encamping, country mountainous, with cultivation in the valleys, road unmetalled, very hilly 6 to 10 ft wide passable for infantry and mountain artillery, two nullahs, fordable except after heavy rain, are crossed en route
		SAHI KI HATI 210 x 72 yds.	12	31½	
		BUJUNI 180 x 60 yds	10	41½	A village, supplies on 10 days notice, good water for 1,000 men from a stream to S side of C G which is overgrown with bushes but cultivated land all round could be used for encamping, animals water at a pond 600 yds distant, country and road as in last stage, cross two streams (sometimes unfordable when in flood) en route
		BILASPUR	10½	51½	
		KUMARHATI	9	60½	Country and road as in previous stage, pass Chuhali at 1½. Urthi at 3 and Rampur at 7½ m
		MAIR KI HATI	13	73½	
		HANIMPUR	9½	83½	See Route 610
		NADAUN	14½	98½	
		JAWALANUKHI	7	105½	Country and road as in previous stage, the Kunar stream is crossed at the 10th mile sometimes impassable when in flood See Route 320(n)
		BANITAL	12	117½	
		KANGRA (BHOWAN)	11	128½	For other remarks see Route 329
		LOWER DHARMSALA	0	128½	
		UPPER DHARMSALA	5½	140½	See Route 329
		Total marches, 14 = 140½ m			

Route No. 610(b).
FROM SIMLA TO DHARMSALA.
via KALKA, AMH AND GOPIPUR DERAH

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Simla District, Unbhabla.	Dy Commr of Simla, Simla Dy Commr of Unbhabla, Unbhabla.	From the Church to KHAIRI GHAT	10½	10½	See Route 381
		SOLAN	12½	23	
		DHARMPUR	12½	42½	
		KALKA	16	58½	
		BADI	12	70½	Country undulating and cultivated, road fair, but stony. See Route 381(a)
		JUGATHANA	11	81½	

APPROPRIATE.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meoun Meer.	Dr. Commr. of Hoshiarpur.	ABIANA . . .	8½	80	See Route 609.
		NURPUR . . .	7½	97½	
		PHULAN . . .	10½	107½	
		SANTOKGARH . . .	6½	114	
		UNA . . .	9½	123½	
		CHARURO . . .	12	135½	
		AME . . .	8	143½	
	Dr. Commr. of Kangra, Dharmasala.	BHURWAIN . . .	12	155½	Country very hilly and partially cultivated; road, 18 ft. wide, unmetalled, but practicable for wheeled transport; cross a broad and sandy water-channel at 2 m., then commence to ascend, but not steeply.
		GOPIPUR DERABH . . .	11½	167	
		RANITAL . . .	13	180	
		KANGRA (BHOWAN). . .	11	191	
		LOWER DHARMSALA . . .	9	200	
		UPPER DHARMSALA . . .	6½	206½	
		Total marches, 19 = 206½ m.			
For other remarks, see Route 629(a).					
See Route 329.					

Route No. 610(c). FROM SIMLA TO DHARMSALA.

via KOTGARH, DALASH, BAJAURA, AND BALUNATH.

APPROPRIATE.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Simla District, Umballa.	Deputy Commissioner of Simla.	PHAGU . . .	12	12	See Route 606.
		THEOG p.o. b. . .	6	18	A small village; supplies on notice; water scarce, only sufficient for 30 men in the dry season, obtainable ½ m. from b., on slope S. of road, another supply 1 m. beyond b. sufficient for 100 men, but dirty; space to encamp 700 men on waste and cultivated land; country and road as in last stage.
		MUTTIANA . . .	11	29	A small village; supplies on notice; unlimited supply of good water near C-G.; cultivated land available to encamp 2,000 men; country and road as in last stage.
		NARKANDA . . .	11	40	A small village; supplies on notice; good water, for 200 men, ½ m. W. of b.; space available on cultivated land to encamp about 2 coys.; country and road as in last stage.
		KOTGARH (THANADAR) p.o. b. . .	11	51	Kotgarh is a small town 2 m. N-W. of main road; plenty of room for encamping a large body of troops; unlimited good water; Thanadar is on the main road; there is space to encamp 400 men; abundant supply of good water; supplies at both places on notice; country and road as above.
	Assistant Commissioner to Kulu, Nagar.	KUMARSEN . . .	4	55	A good-sized village; supplies on notice; water plentiful and good; encamping ground limited; country and road as before; latter, a mule track, descends for 2 m., then ascends to Kumarasen; there is a short cut from Narkanda to Kumarasen (about 6 m.), but the road is steep and bad.
		DALASH p.o. b. . .	9½	64½	A small village, elevation 6,850 ft.; supplies on notice; water plentiful; small C-G. in compound of b.; road unmetalled, 9 ft. wide, in fair order, gradients 1 in 10 to 1 in 20; the Sutlej is crossed by the Lari bridge.
		CHAWAI . . .	7	71½	A collection of small villages; supplies, water and coobies plentiful; C-G. in b. compound and fields; road as before, crosses the Kandi Ghat ridge (7,360 ft.); at Kandi Ghat the Jampur-Bishahr road and Nirmand joins the main trade route; the nullahs are bridged.
		KOT . . .	10	81½	A small village; supplies procurable; water plentiful; C-G. in compound of b., and in fields; road as before, descent for 2 m. to the Arni stream, thence ascent for 4 m., the rest fairly level; 3 streams are crossed, all bridged.
		JIBHI . . .	10	91½	A small village on right bank of the Chata R.; supplies scanty; water plentiful and good; C-G. in b. compound and fields; road as before, steady ascent for first 4 m. to top of the Jalori pass (10,720 ft.), then descent for 6 m. to the Chata (6,570 ft.); latter bridged.
		MANGLAOR . . .	9	100½	A village at junction of two streams; supplies procurable; water plentiful and good; C-G. limited; road as before, follows right bank of the Chata R.; at 6 m. Manjar (p.o., tehal, thana) is reached; the Tirthan R. is crossed by a wooden bridge, called the Khondan bridge (105 ft. span), at 6 m.; at this point the Jampur-Bishahr road over the Bashloo pass joins in; road then follows right bank of the Tirthan R. which it crosses again at about 8 m.; nullahs are all bridged.
G. O. C. Lahore District, Meera Meer.	Assistant Commissioner to Kulu, Nagar.	LARJI . . .	7	107½	A few huts on left bank of the Sainj R., elevation 3,100 ft.; firewood and supplies not easily procured; water plentiful; C-G. in b. compound and adjacent fields; road as before; on leaving Manglaor the Bah R. is crossed by a bridge of 90 ft. span, and the left bank of the Tirthan R. is followed for 4½ m. when the road crosses to right bank by another bridge of 90 ft. span.

AUTHOR TYPE.		Names of stages and class of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Lahore Dakr at Mean Meer	Assistant Comm. stationer in Kulu Nagar	RAJADURA p-o b	12	110½	A small bazar and old ruined fort supplies procurable, water plentiful, C-G in compound of b and in adjacent fields road as before the Saini R. is crossed at ½ m by wooden bridge (large bridge) and the road then ascends to the Baga gorge and follows the left bank of the Beas R. to Dilani, 8 m.; here the road crosses to right bank of the river by Dilani bridge and for the rest of the way is practically level
		SULTANPUR (KULU) p-o b	9	128½	A small town with dispensary tahsil and thence the chief place in Kulu, situated 200 ft above right bank of the Beas, elevation 4100 ft. supplies procurable; water good and plentiful. A large plain at table for C-G in front of b road as in previous stages practically level for first 5 m runs along the right bank of the Beas, crossing the Kauli stream on leaving Rajadur and the Mohal stream at ½ m, both bridged.
		KARAOON b	8½	138½	A small village supplies and coolies on notice; water plentiful and good. C-G of limited extent in compound of b and on adjacent hill slopes; the road, which is good for riding the whole way leaves the Beas at Sultanpur and ascends gradually to Karaoon.
		BADWANI b	10½	148½	A small village; supplies and coolies on notice, water plentiful C-G or very limited extent and only in compound of b road good for riding ascends by zigzag for 4 m to the top of the Babu pass (10600 ft.) and then descends in the same manner to Badwani. The Babu pass, which is usually closed from December to March is the boundary between the British and Hindi territories.
		JATINGRI b	12½	160½	A small village supplies and coolies on notice water scarce and procured from some distance. C-G practically unlimited on crest of hill on which b is situated road good for riding ascends very gradually on leaving Badwani for about 1½ m then descends for 8 m to the U R which is crossed by a wooden bridge the remainder of the march is a steady ascent.
	Deputy Commissioner of Kangra Dharmsala	DHIFLU b	11½	170½	A ddk bungalow and enfil on the spur of a hill about 200 ft above the valley, supplies and coolies on notice; water plentiful C-G in compound of not around b. road good descends nearly all the way at 4 m the village and salt mines of Guma are passed and at 8 m, Harbag (b) Sakroli village, also ½ m from b also offers good C-G with plentiful water and supplies.
		BAINATH 21714 sq yds p-o b	10½	180½	A good-sized place, famous for its old temples situated on right bank of the River R. elevation 3387 ft. supplies and coolies on notice water good and abundant; spacious C-G to S. of the bazar country a valley partially cultivated, road unmetalled in good order crosses several ravines which offer no difficulty except after heavy rain, Chabutra is passed at 2 and Sukabagh at about 5 m at end of march crosses a spur from a range of hills on which are the ruins of 2 forts this spur divides the Mandi territory from Kangra.
		PALAMPUR 287 x 83 yds p-o. t-s b	9	189½	The head quarters of the tea interests in the Kangra valley elevation 4400 ft. supplies and coolies procurable water plentiful from springs and streams; site for C-G W of road latter very good but not fit for driving across the B and R by a wooden bridge, soon after leaving Bainath pass through Piprah and pass the Nawaia and Hilda tea-gardens at about 8 m from Palampur a cart-road leads to Jullender and Kangra and Amritsar passing near Kangra.
		DADH	9	198½	See Route 610
		LOWER DHARM SALA	10½	209½	Country and road as in last stage. For other remarks, see Route 610.
		UPPER DHARM SALA	6½	214½	See Route 320
Total marches, 23 =					
214½ m					

Route No 611.
FROM SIMLA TO JANGI
VIA NARKANDA, SERAHAN, AND URNI

AUTHOR TYPE		Name of stage and class of encamping grounds	DISTANCE		REMARKS
Military	Civil		1 hr.	Total	
G O C Sialkot District at Umballa	Deputy Comm. Sialkot, a corner of 8 m. Sialkot.	PHAGU	12	12	See Route 600
		THEOG	6	18	See Route 610(o)
		MUTHIANA	11	29	
		NARKANDA	11	40	
		KOTGARH (THANADAR)	11	51	From Narkanda the Upper Link or Bridge road road to Dho (3 m. from Serahan) branches off. For a description of this road, see note of this route.
		KIRTH	10	61	
		RANPUR b	12½	73½	A small village near the Satley; few supplies water from the river ample space for a large camp in fields country mountainous road unmetalled, 6 to 8 ft wide descending by easy gradient to the Satley passable for mule and cart. lery cross the Beas stream by a wooden bridge 2 m before reaching Kirth.
Superintendent of H U Shales, Sialkot	G mls	GAORA 200 x 100 yds b	7	80½	A town the capital of Duhahar on left bank of the Satley supplies and water plentiful; there is a small space for an encampment near the Rajah's palace and also a larger space ½ m. E of b. country as above road as in last stage following the left bank of the Satley; cross the Machan stream at 2 by wooden bridge and the Nogi stream at 8 m by temporary bridge removed during rains. (Note—The Satley is crossed at Ranpur by a rope bridge to Jagatkhana in Kulu whence a track runs up the Beas to pass to Manghar.)
					A village supplies procurable from Dhar 1½ m N E of village water plentiful site for C-G in fields on a side of hill country as above road as before, ascends sharply for 5½ out of the 7 m to the b at Gaora.

MILITARY.	CIVIL.	Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
			Miles.	Total.	
		SERAHAN b.	10½	91	A village; supplies on notice; water abundant; C-G. in fields in vicinity; road ascends for 2½ m. to Shikradhar and then descends for 3 m. to Manglad bridge (4,844 ft.). There is then a rise of 2,356 ft. in 3 m. to Doo at 8th m. at which point Briggs' or the Upper Link forest road joins in; for next 3 m. there is a slight fall to Serhan b.
		TARANDA 100 x 60 yds. b.	14	105	A village close to left bank of the Sutlej; supplies scanty; water plentiful; space for small encampment at top of hill near b.; road fairly level to the Malis cliff; it then follows the native track up and down for 3 m. and descends to the Kandula nullah at 8 m.; the Chaenda nullah is crossed at 12 m. and the road ascends thence to Taranda b.
		NACHAR b.	9	114	A village close to left bank of the Sutlej; supplies scarce; water plentiful; road descends sharply to the Soldangah nullah (6,810 ft.) at 3 m. and ascends from this onwards; there is an inspection b. at Pando, 4 m.; the Sangra decdar forest begins at 8 m. The coarse grass which grows near Nachar b. is poisonous for animals.
		URNI 150 x 100 yds. b.	12½	126½	A village about 1 m. from right bank of the Sutlej, elevation 7,836 ft.; supplies scanty; water plentiful; small C-G. ½ m. W. of b.; road descends sharply for 3 m. to Wangtu bridge near which there is an inspection b.; at Wangtu the road from Musoorie and the Shatal or the Borenda pass joins in, and crossing the Sutlej R. by this bridge, continues via the Bimbah pass into Spiti; from Wangtu the Hindustan-Tibet road follows the right bank of the Sutlej; a long timber gallery outrigger from the rock carries the road through the gorge and the track continues to Chagaon, whence the ascent is by zigzags to Urni b. At Wangtu a road from Landour and Musoorie joins in, by which the following marches are made:—
					Miles. MUDARBU . . . 13 TMOKA . . . 8 POKRI (b) . . . 14 DEORAND (b) . . . 13 BANDEAOLI . . . 13 KANDA . . . 11 JYTAB . . . 10 Cross the Tones R. SHALNA . . . 8 HATKOTI . . . 11 Water plentiful; ample space for encampment; road good, 6 ft. wide, easy march.
					ROBU . . . 8 A small town in the Pabbar valley, water plentiful; space for encampment; road as above.
					CHENGAON . . . 10 Water plentiful; ample room for encampment; path 2 to 3 ft. wide, practicable for mules but difficult; a path hence runs N. to Wangtu over the Shatal pass; 4 marches.
					PYREA . . . 9 Water plentiful; room to encamp; a footpath only, steep ascent.
					JANGLIK . . . 8 Water plentiful; room for camp; track as before; last village below snow.
					LATIN . . . 10 No village; water plentiful; road as before.
					MULPANI . . . 9 No village; water and road as above; cross the Borenda pass (18,000 ft.).
					KILBA . . . 10 No village; water and road as above; pass Gupni village at 7th m.
					WANGTU . . . 12 Cross Sutlej at 4 m. by a bridge; a short distance beyond this point the Hindustan-Tibet road is reached, which follows the river for 5 m., re-crossing it at Wangtu.
					TOTAL . . . 117
		ROGI b.	10½	137	A village, elevation 9,508 ft.; supplies scarce; water plentiful; road crosses the Yala stream at 2 m. and for the most part ascends to the Mesang cliffs (9,760 ft.) at 9 m., passing the Kashti cliffs in the 6th and Romang forest in the 7th m.; for the last 2 m. the road descends.
		PANGI b.	10	147	A village about 1 m. from the right bank of the Sutlej, elevation 9,159 ft.; supplies obtainable; water plentiful; the road is carried along the Kilrang Rogi, and Chini cliffs to Chini at 3 m. (here are the ruins of the house built for Lord Dalhousie in 1851 and also the grave of Brevet-Captain Apperley, R.H.A., who died at this place on 1st July 1845). There is a descent to the Malgun stream (8,711 ft.) at 5½ m., whence road ascends to Pangi b.
		BARANG	8	155	A village on right bank of the Sutlej, elevation 9,232 ft.; supplies scarce; water plentiful; road ascends for 1 m. to the Kashang cliffs and then descends for 2 m. to the Kashang nullah (8,193 ft.); it rises again to the Gimchang cliffs (9,500 ft.) at 5 m.
		JANGI	7	162	A village on right bank of the Sutlej, elevation 9,242 ft.; supplies scarce; water plentiful. The road is level to the P. W. D. godown at Jangi at 7 m. The road ends at 4 m. beyond Jangi and then the track descends to the Lipi stream at 7 m. from Jangi; there is a gradual rise thence to Kinnam at 14 m. from Jangi. There remain 4½ marches to be made to Shipki on the left bank of the Sutlej.
		Total marches, 16 = 162 m.			
					UPPER LINK OR BRIGGS' FOREST ROAD. This road is maintained as a forest road only; it is passable for laden mules with care; the track in places is only 4 ft. wide and all bridges have to be crossed with caution. The stages are as under— Narkanda to Bagi, 10 m. Supplies procurable at Bagi; water from a small stream below b.; room for a scattered camp on gentle slopes; road, 6 to 7 ft. wide, fairly level with exception of a portion in 6th m., leaves Hindustan-Tibet road at 4th m., is kept up by the Bishahr state. Bagi to Kandula, 8 m. Supplies but few; scanty water-supply, 300 yds. E. of b.; water for mules 2 m. this side of Kandula; large C-G. available in fields W. of b.; road as above; several small nullahs are crossed over which are rough temporary bridges. Kandula to Sangri, 10 m. A few supplies at Sangri; scanty water-supply 500 yds. N.E. of b.; space for large C-G. in fields; road on a uniform grade, outrigger in ten places; road from Musoorie up the Sikri valley joins in near Sangri village. Sangri to Bahli, 12 m. A few supplies; water from spring near b. and (for animals) from a pool on ridge below b.; ample ground for encampment; road outrigger in ten places; Damkhad bridge is crossed; descent for half the way, then slight ascent to b. at Bahli. Bahli to Taltoch, 11 m. No supplies; good and plentiful water; ample room for encampment in fields; road kept up as a forest path only; it follows N. face of mountain to Bahli at 6th m., then steep descent into Nagli valley for 5 m. to Taltoch b. Taltoch to Darun, 12 m. Supplies but few; at Darun village there is a good water-supply and room for a large camp; road, 6 to 7 ft. wide, not kept up throughout and some handrails have occurred. It descends for 2½ m. to Nagli bridge (4,200 ft.); thence the ascent is steep and difficult up a tributary nullah for nearly 10 m. to Darun b. There is but a scanty water-supply and not much room for encampment in the vicinity of the b. Darun to Serahan, 13 m. Road descends for first 2½ m.; a bridge (7,430 ft.) crosses Darun nullah; there is a further descent to the Manglad B. (6,800 ft.) at 7th m. and with 96 ft. in road; thence a steep ascent. The track follows the cliffs, and at 10th m. comes out at Doo near the 57th milestone of the Hindustan-Tibet road, and within 3 m. of Serahan.

Route No. 612.
FROM SIMLA TO KASAUJI.
via THE NEW ROAD

AUTHORITY		Names of stages and also of encamping grounds	DISTANCES		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Sikhim District, Unbala.	Dr. Conner of Simla, Simla.	From the Camp to—			
		KHAIRI GHAT	18½	18½	See Route 321
		SOLAN	18½	32	
		DHARMPUR	12½	44½	
		KASAUJI	7	61½	See Route 378 Country mountainous road good and practicable for carts, leave the Simla Kalka road a short distance on the Solan side of Dharmpur and ascend gradually by easy gradients to Kasauli, the road passes immediately under Sanaur (p-a), where the Lawrence Asylum is situated
		Total marches, 4 = 51½ m			

Route No. 613.
FROM SIMLA TO LEH.
via KOTGARH, SULTANPUR, AND LINGTI SAROHU

AUTHORITY		Names of stages and also of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Sikhim District, Unbala.	Dr. Conner of Simla, Simla.	PHAGU	12	12	See Route 606
		THEOG	8	18	
		MUTIANA	11	29	
		NARKANDA	11	40	See Route 610(e).
		KOTGARH (THANADAR)	11	51	
		KUMARSEN	4	55	
		DALASH	9½	64½	
		OHAWAI	7	71½	
		KOT	10	81½	
		JIBHI	10	91½	
		NANGLAOR	9	100½	
		LARI	7	107½	
		BAJAURA	12	119½	
		SULTANPUR (KULU).	9	128½	
		KATRAIN b.	12	140½	A halting-place on the Beas R. and opposite the village of Nagar, elevation 5,500 ft.; supplies procurable good water plentiful. O-G small, stream bridged; road 9 ft. wide unmetalled, but fairly good, cross the Sirvan at starting, by a wooden bridge, then pass round and below the hill on which Sultanpur stands, and follow the Beas R. all the way
G. O. C. Lahor District, Meera Meer	Assistant Commissioner in Kulu, Nagar	MANAULI p-a b	11½	152	
		BAHGA b	9½	161½	
		KOKBAR b	9	169½	
		SISU	12	181½	
		GANDLA b	8	189½	
		KAILANG p-a b	11	200½	

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Ladakh District, Mooma Ameer.	Assistant Commissioner in Ladakh, Nagar.	GIMUR . . .	10	210½	A village, elevation 10,500 ft.; firewood, grass, and milk obtainable; other supplies must be carried from Kailang; good water plentiful; road unmetalled and hilly, running along right bank of the Bhaga, gradients in places very steep; nullahs bridged. When the new road from Kailang to Darcha, Sumdo, is impracticable, the old road, closer to the river (in places nicked out of the steep cliff), is used; this is very steep and bad in places, and difficult for laden animals.
		DARCHA, SUMDO . . .	7	217½	Two small villages, one on each side of the Bhaga, elevation 10,650 ft.; supplies must be carried from Kailang; water plentiful; small site for C-G. near Sumdo; road as in last stage, but fairly level; keep to the right bank of the Bhaga and cross the Kado Tolpo ravine (bridged) near end of stage.
		KINGZINGBAR . . .	11½	229	A halting-place on left bank of the Bhaga, elevation 13,060 ft.; no supplies; good water plentiful; small site for C-G.; road as before, follows right bank of the Bhaga to Palsee bridge over the river, then crosses to left bank; nullahs bridged.
		KILING 110 x 100 yds.	12½	241½	A halting-place on left bank of the Bhaga, elevation 15,120 ft.; no supplies; water plentiful; suitable site for C-G. near river; the ascent of the Baralacha begins; track follows left bank, and then crosses to the right bank at 1½ m.; pass Sarav Dal (a pretty lake) at 3½, the open crest of the Baralacha (16,000 ft. high) at 4½ m., where a track leads S. down the Chanda valley to Spiti; the track to Leh goes N-E. The pass is closed to laden mules for eight months, and lower down the track passes over the debris of mountains which have been split up into fragments by great changes of temperature.
		LINGZI SAROHU . 160 x 160 yds.	0½	251	A halting-place, elevation 13,960 ft.; no supplies; water plentiful; site for C-G. on right bank of the Sarohu; the track crosses the Yunnan (bridge strong enough for laden animals) in front of the camp to the right bank, and there is a gentle descent across a plain to the Phalangdanda or Boundary Rock at 5½ m.; the track continues across the plain to the Sarohu, which is crossed at end of stage. About 3 m. from Kiling the track passes round the base of a 'fan' of huge blocks of disintegrated debris at the water-level and is sometimes submerged for about ½ m., making it very difficult. For this reason this point should be passed early in the day before the glacier water comes down to swell the torrent.
		CHARGOT JUKTA . . .	18½	264½	A halting-place, elevation 13,600 ft.; no supplies; water procurable; the track for Leh follows the right bank of the Tsurup R. northwards for 8½ m. to the C-G. at Chargot Jukta, under a high cliff. The ordinary route is along the foot of the hills up the Tsurup nullah to the E., then crossing by a ford (current sometimes very strong) about 600 yds. up stream from the junction of the Tsurup and Lingti, to the right bank, and so to the boundary pillar (128th mile from Saktunpur) between Lakhul and Ladakh, in all 7 m., at 13,845 ft. above mean sea-level. But, if the direct route by the ford is practicable, the distance is only 3 m.; the route up the Tsurup nullah southwards for Taho Moreri is rough and difficult; no supplies.
		SUMDO . . .	8	272½	A halting-place, elevation 15,622 ft.; water procurable, but no supplies or fuel; the track turns directly to the E., and rises 1,600 ft. to a saddle overlooking a valley on which a trial line was once cut; the track then turns N. for 5 m., and descends into a valley to the C-G. at Sumdo at the foot of the Laachalang; road very bad and stony; in places little more than a rocky staircase; sharp ups and downs; this march may be considered the most fatiguing on the whole route.
		KIANGCHU . . .	17½	290½	A halting-place, elevation 15,274 ft.; no supplies; water scarce; the ascent of the Laachalang is easy, rising 1,100 ft. in 1 m. from Sumdo; the crest is open; snow was falling on 13th September 1892; the pass, it was said, might have become impassable within two nights, and usually all traffic is stopped for eight months in the year; the descent is easy for 7 m. to the Kanglaxhal gorge; here are some sugar-loaf-shaped hills of great height, and masses have fallen blocking the ravine down which the track is carried by steep zigzags, the water finding its way below the splintered debris. The country opens somewhat, and follows the left bank of the stream to near the junction of three rivers; at this point between the Tozay and Samkhyel nullahs is the Samkhyel C-G., a small stony plateau. The Tozay stream is crossed, and then the Frite, whence a steep ascent (the Bong La pass) brings the traveller to the edge of the Kiangchhu plain; a level course for 4 m. over grass leads to the Kiangchhu C-G.
		RUKOHEH . . .	14½	304½	A halting-place, elevation 15,374 ft.; water obtainable, but no supplies or fuel; the track continues over grass and somewhat heavy sand; at Morechu (5 m.) the lake was dry and deep in sand; the route is still over grass for 6 m., when the track turns westwards up a ravine to the C-G. opposite Rukohen, and to the E. at a distance of about 4 m., over the range of hills, is Tsoor Chumo or Salt Lake; the lake is covered with wild fowl, chiefly Brachyotus ducks; the water is very bitter; the road to Puga borax and sulphur mines passes by the S. of the Salt Lake.
		DEBRING . . .	13	316½	A halting-place, elevation 15,776 ft.; a few thorn bushes as fuel; water scarce; the route is easy and level for 14 m. to Debring C-G.
Kashmir Territory.	Resident in Kashmir, Srinagar.	GYA . . .	16½	235½	The ascent to Takalang crest is easy, rising 1,600 ft. in 2 m.; the descent is also easy, and falls for about 4,000 ft. in 13 m. to Gya; cultivation is again seen; there are a few houses and a monastery; the C-G. is to the E. of the Lama's house; this is the first village met with since Sumdo in Lakhul, over a distance of 118 m.; any difficulty could be quite overcome by arranging with Kashmir to send out supplies of flour, ghee, salt, firewood, and fodder from Gya southwards for five stages and by carrying the same quantity forward from Sumdo; elevation 13,166 ft.
		UPSHI SARAI . . .	16½	549	The road follows the left bank of the Gya R., passing Miru half-way, and reaches Upsi Sarai on the left bank of the Indus after a fall of 1,760 ft.; considerable cultivation, poplars, willows, and fruit trees; elevation 11,895 ft.

AUTHORITY		Names of stages and size of carrying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
Kashmir Territory	Resident in Kashmir, Srinagar	MARSAHING	8½	357½	The Indus at Upshi in September is about 60 ft. wide flowing swiftly among large boulders and quite unfordable, it is frozen over in November. The road to Marsahling follows the left bank, at 6 m. from Upshi is the Egu bridge across the Indus with two unequal spans of 30 and 68 ft. leading up the Chiening valley into Tanke and Changchenmo. At Prarsahing there is much cultivation instead of halting at Marsahling it is better to go 2 m. or 2 further and camp at the Himu monastery in a ravine to the W. elevation 11,600 ft.
		GOLAB BAGH	11½	369½	The road follows the left bank of the Indus. Change is passed and then the monastery at Tanke comes into view, cultivation is more extended as one enters the Shushet Kardari. The halting-place is in the Golab Bagh where there is a small and neat house. People very friendly. Population partly Buddhist, the locality is occupied during the season as a grazing ground for Yarkandi traders. Elevation 10,745 ft.
		LEH	9	378½	The capital of Ladak, with a fine bastar, a wall, a fort, a palace, and a residency. Elevation 11,532 ft., the Monavian mission also have a settlement here; supplies and good water procurable, the route runs N.W. and still follows the left bank, winding through gardens and cultivated fields which are irrigated by many small channels. The breadth of the valley of the Indus here is about 20 m. from a general level of 10,600 ft. at the river to about 20,000 ft. at the crest of the mountain ranges; at Chaglamar, there is a bridge, 16 ft. span across the Indus, and the route turns northward from the river it is about 4 m. into Leh, the road passing over a stony and sandy plain.
		Total marches, 36 = 378½ m.			

Route No. 613(a).
FROM SIMLA TO LEH.
 old THE HINDUSTAN-TIBET ROAD

AUTHORITY		Names of places and size of carrying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
Babbar Territory	G. O. C. Sitchand District, Jymballa. Deputy Commissioner of Hill States, Simla. Deputy Commissioner of Simla State. Deputy Commissioner of Kulu, Nagar.	PHAGU	13	13	See Route 606
		THEOG	6	19	
		MUTHIANA	11	30	
		NARKANDA	11	40	See Route 610(a)
		KOTGARH (THANADAR)	27	67	
		NIRTH	10	77	
		RAMPUR	12½	90½	
		GAORA	7	97½	
		SERAHAN	10½	108	
		TARANDA	14	122	See Route 611.
		NACHAR	9	131	
		URNI	12½	143½	
		ROGI	10½	154	
		CHINI	3	157	
		GAJANRA	12½	170	
		TUBBI	11½	181½	
		SANGNAM	9½	191	
		HANGO	12	203	
		LEO	8	211	

NOTE.—As there is some doubt about the existence of the route described below, from Chini of Guara to Sogman, the route from Baji to Jangi (see No. 611) and thence via Kanam to Sogman might perhaps be adopted.

A small village with a Government building for the accommodation of travellers; supplies scarce, water plentiful; heavy cliffs in second mile.

Supplies from Baram situated 3 or 4 m. below, on right bank of the Sutley, water and fuel plentiful; site for encamping good; scenery grand; road tolerably level for 4 m. when it descends to the bed of a torrent, and ascends to Pangri, passed at 6 m. coolies are changed at this village.

Supplies and coolies from Kanam a village near the Sutley, water procurable; the aspect of the country changes about here; in place of steep crags and precipitous rocks, the slopes of the mountains are much more gradual, and the tops rounded; road rather difficult; a stiff ascent to the crest of the Werang pass (12,400 ft.) then a descent to the Talle, crossed at Lupi at 6 m., remainder of march a gradual ascent, elevation 11,720 ft.

A very populous place celebrated for blankets, elevation 9,020 ft., supplies and water procurable, coolies chiefly women very scarce; road crosses gradually for 4 m. to the crest of the Baram pass (elevation 13,400 ft.) last 2 m. very steep then descends rapidly to Taling, passed at 8½ m., the Runkang (range) is crossed towards end of stage.

A small village, elevation 11,600 ft., supplies and coolies scarce; water plentiful; road crosses a torrent 5 or 6 times while reaching the crest of the Hangrang pass (elevation 14,710 ft.) a long gradual ascent, with an easy descent over snow to Hango; good Chikara shooting in neighbourhood.

A village, prettily situated on right bank of the Spiti R., surrounded by cultivation and fruit trees, elevation 9,000 ft., supplies and coolies procurable, water plentiful; road first traverses fields to a stream crossed by a bridge then is tolerably level until near Leo, where there is a steep zigzag.

ACTIVITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Bishahr Territory.		NAKO . . .	6	200½	A small village, situated at a little distance from the left bank of the Spiti; elevation 11,975 ft.; supplies scarce; coolies few, yaks and ponies being chiefly furnished; water plentiful; road tolerably level along the bank of the Spiti, with a steep ascent to Nako.
		CHANGO . . .	8	208½	A large village on left bank of the Spiti, surrounded by cultivation; supplies and coolies procurable; water plentiful; road tolerably level.
		SOMRA . . .	19½	222½	A village on right bank of the Spiti; road fair, running up the left bank for 4 m., then crossing the river by a bridge 97 ft. long and 27 ft. above the stream; on the right bank, 400 ft. above the river, stands Shalkar, a fort near northern boundary of Kinnawar; houses are built against the walls inside, inhabited by Tartars and a few Lata monks (elevation 10,272 ft.); thence the road ascends to the crest of the Lapela pass (elevation 15,628 ft.), 8½ m., and descends for 3½ m. to the Spiti (bridged).
		THABO . . .	8½	230½	A few houses; supplies and coolies very scarce; water procurable; road tolerably good, crossing the Spiti (bridged) under Somra, and passing Liri at 5 m. At Thabo there is a monastery, with a large collection of manuscripts.
		POKH . . .	6½	236½	A village; supplies, coolies, and yaks procurable; water plentiful; road undulating and stony; a steep ascent and descent at end of stage. From Chango there is another route to Pokh, keeping more towards the E., and making the following stages:— Changrizang 10 m. Shagar 7 Hulung 12 Lori 10 Pokh 9½ If this route is adopted, coolies must be taken from Chango to Pokh, as none are procurable on the road.
		DANKAR . . .	8½	245½	A large village, with a fort and monastery, situated on a rocky spur, high above the Spiti, elevation 12,774 ft.; supplies and coolies procurable; water plentiful; road up the bed of the river for 2½ m., when it ascends and passes over undulating ground.
		KAJA . . .	16½	261½	A small village, surrounded by cultivation; supplies and coolies procurable; water plentiful; road undulating, and in places stony, running up the Spiti valley; cross the Lingti (bridged) near its junction with the Spiti at 5, pass Lithong at 8, and Lori at 9½ m.; this is a good neighbourhood for Spiti ponies.
		KIWAR . . .	19	278½	A large village, surrounded by cultivation; elevation 13,400 ft.; supplies and coolies procurable; water plentiful; road at first as in last march, running up the Spiti valley; pass the monastery of Ki, a most extraordinary looking place, perched on the top of a hill, at 6½ m., and about a mile further on, leave the valley and ascend steadily to Kiwar from which place supplies and coolies must be taken for 6 days.
		JUGTHA . . .	12	285½	No village; road descends into a deep ravine, then ascends to a level plain; another descent towards end of the stage; elevation 10,000 ft.
		DUTUNG . . .	10	295½	Encamping ground clear of snow in June; water and fuel procurable; road ascends steeply for 5 m. to the crest of the Parang La (elevation 18,500 ft.); very abrupt and fatiguing towards the top.
		UMDUNG . . .	16½	312	Road tolerably good along the Parang river (fordable); several convenient spots are passed where a halt can be made.
		KHORNZU . . .	21½	339½	A small house belonging to the Wazir of Rupshu, elevation 15,300 ft.; road crosses the Parang (fordable) at Nurnbuo (a good halting-place) at 1½ m., then turns up N., and crosses a marshy valley, which after 9 or 4 m. is left for higher ground, and at 10½ m. it reaches the Chumotri lake, and continues for the remainder of the march along its W. bank. The lake is about 18 m. long and 3 m. wide; water brackish, no fish in it; the hills on both sides are bare.
		JUMUSHI SA . .	14½	347½	Water procurable; road very fair, continuing along the W. bank for some distance.
Kashmir Territory.	Resident in Kashmir, Srinagar.	SHINLDUT . . .	13½	361½	A few huts in ruins; road tolerably good; yaks are used here in place of coolies.
		KINMA . . .	7½	369½	A village; encamp on the right bank of the Indus (fordable) 1 m. above Kinma; in July the river is about 4 ft. deep.
		KHERE . . .	12	381½	A small village on the left bank of the Indus; encamp on the right bank; road tolerably good, running by the river side.
		KYUNGYAM . . .	12½	394½	A few houses; road good, over undulating ground.
		LIKCHE . . .	11½	405½	A few houses; supplies rather more plentiful; road less undulating; pass Himyn at 5½, cross a stream at 6½, and again partly by bridge and partly by ford at 7½ and pass Terahit at 9½ m.
		TUGU . . .	17	422½	A village of forty houses; encamp at some little distance from it; road as in last march; pass Sharnus at 7½, and Uphi at 12 m.
		SHEH . . .	14½	437½	A large village in a well cultivated plain irrigated by canals; road generally good; pass Tughna at 6½, and Tiksa at 12½ m.
		LEH . . .	7½	444½	See Route 613. Road fair, sandy, and gravelly in places.
		Total marches, 40 = 444½ m.			

Route No. 613(b). FROM SIMLA TO LEH.

via SERAHAN, THE PIN VALLEY, SPITI, LABOUL, THE SHINKUL PASS, AND THE LESKAR COUNTRY

AUTHORITIES		Name of stage and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Simla District, Umballa		PHAGU	18	18	See Route 606
		THEOG	6	18	
		MUTIANA	11	29	
		NARKANDA	11	40	See Route 610(e)
		KOTGARH (THANADAR.)	11	51	
		NIRTH	10	61	
		RAMPUR	12	73	
		GAORA	7	80	
		SERAHAN	10	91	See Route 611.
		TAGANDA	14	105	
G. O. C. Simla District, Simla		NACHAR	9	114	
		YANGPA	15	129	A village at the head of the Blaboh valley, supplies scarce, sufficient should be brought from Serahan for 8 days, country mountainous, cross the Sotley (bridged) at Yangtu at 3 m; the river here is 80 ft. broad, right bank very steep, road then zigzags up a very steep hill and passes Beni and Kalgan. Tartars bring ponies along this road, but between the Sotley and Yangpa it is rocky and in many places too narrow for laden ponies.
		MOLING	6	135	No village, grass fuel and water abundant, country as above, road tolerably good and fit for laden ponies, winding through fir forests
		PTIASA	4	139	A halting-place at the foot of the Blaboh pass, fuel and supplies must be collected, water good and plentiful; country and road as above.
		LURSA (PALDAR)	18	157	A halting place, no supplies, good water from a neighbouring stream, small side for G-G near road, country mountainous with but little cultivation, road a rough pony track; commence the ascent of the Blaboh pass on leaving Ptiasa, at first tolerably easy, but near the summit road is very steep, up to May the road is covered with ice
		MUTH	11	168	A small village, supplies scarce, the only fuel obtainable is heather, plentiful good water from a neighbouring stream, very little level space available for G-G; road, a rough unbridged path, passable for laden Spiti ponies, but not for mules, the Pin R., a large mountain torrent, is crossed here.
		SANAM	9	177	A small village, supplies very scarce, plentiful good water from a neighbouring stream, suffice out space for a small camp close to village, road as in last stage, a few small hill torrents are crossed on route
		LADANG	10	187	A village supplies and wood very scarce, water plentiful but of doubtful quality, from a neighbouring stream, limited site for G-G on ground under cultivation; country and road as above, pass Guling at 4 m; between Sanam and Guling a large torrent has to be crossed, fordable except when in flood when it can be crossed by a rope bridge higher up, but it is often unserviceable, between Guling and Ladang the Spiti (fordable but dangerous) is crossed, sometimes there is a rope bridge, but this is apt to be carried away
		KAJA	6	194	Country and road as above; several small hill torrents are crossed on route
		KIWAR	12	206	See Route 618(a)
G. O. Lahore District, Meera Nager		KIOTO	13	219	A small village, supplies scarce; limited good water from a spring flowing out of a cliff; a plain beyond village suitable for G-G, road as above, about 4 m from Kiwar it descends 500 ft. to bed of a torrent, which is crossed by a small foot bridge which is liable to be carried away, the torrent is then, impassable; thence road a good but narrow up to 6 m from Kioto where it bifurcates, one path descends 800 ft. to the Spiti R. which is unbridged, but easy to cross, the path then ascends again, the other path leads upwards and the Spiti is crossed by a rock which has fallen across it; path down to torrent is steep and slippery, only passable for foot-passengers
		LOSAR	10	229	A small village for supplies unserviceable, plentiful good water from a spring and stream close by; little room for encamping, road as above but good and fairly level, 3 small unbridged torrents are crossed but they are not dangerous, opposite Losar cross the Spiti for 3 but it is often impassable especially after 10 a.m.
		KAROKA	14	243	A small village, no supplies, plentiful good water from a neighbouring stream road rough and very narrow, cross 2 torrents, neither dangerous on route; cross the Kanayan pass (14,000 ft.) at 10 m, thence road descends rapidly to the Chandira R.; opposite Karoka a torrent is crossed which is dangerous to ford after 10 a.m.
		POTI KUNI	9	252	A halting-place; no supplies, abundant good water from a neighbouring stream, road rough but good for first 4 m then for 8 m through the Shikri glacier ravine, there is no path here and the way has to be found between large boulders, route is very difficult and impassable for mules a dangerous torrent is crossed at Poti Kuni by a foot bridge, put up as occasion requires by men from Jagatsakh in Kulu.
		GHATHRU	10	262	A halting-place on left bank of the Chandira, nearly opposite to old Kohar; no supplies good water from the river, small level space available for G-G road very rough and stony, at 2 m cross a dangerous torrent by a temporary foot bridge.
		KOKHAR	18	274	See Route 618 Country and road as above, a dangerous torrent is crossed soon after leaving Ghathru, by a temporary foot bridge.

APPROXIMATE.		Names of stages and size of camping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Assistant Commissioner in Kulu, Niggar.	SISU . . .	12	286	See Route 613.
		GANDLA . . .	8	294	
		KAILANG . . .	11	305	
		GINUR . . .	10	315	
		DARCHA, SUMDO .	7	322	A halting-place; no supplies; water abundant and good; country as above; road a rough narrow path along the bank of the Kado Tokpo.
		PALAMAU . . .	10	332	No village; no supplies; water abundant and good; path very rough and difficult.
		SHINKUL PASS, top of—	10	342	A halting-place at the northern base of the Shinkul pass; no supplies, coolies, or fuel; road tolerably easy on both sides of the pass, crossing the summit about half-way.
		LUKKING . . .	12	354	A village; supplies and fuel procurable; road tolerably easy; large herds of sheep and yaks graze about Kargia.
		KARGIA . . .	8	362	village; supplies and fuel scanty; road good, down the right bank of the Luna Sampa.
		MAILING . . .	10	372	A small village; supplies procurable in the neighbourhood; fuel rather scarce; road indifferent, crossing the Luna Sampa soon after leaving Mailing; about half-way a large stream from the E. joins the Luna Sampa; a path runs up its valley by the Marangla pass into Rupshu.
		SARLEH . . .	9	381	A halting place, by the banks of the Luna Sampa; no supplies; fuel very scanty; road difficult in places, running down the edge of the river; the Luna Sampa is crossed by a swing bridge about 3 m. from Sarleh.
		LUNG TUNG . . .	6	386	A village; supplies procurable; road tolerable, still pursuing the course of the river which is crossed by a swing bridge at Reru.
		RERU . . .	7	396	A village, with a fort, situated in a fertile valley 3 or 4 m. wide; supplies plentiful; road tolerably good; pass Muni at 1½ and Bardung at 2 m. The Tibetan Kings of Zaskar used to reside at Padam; the fort is garrisoned by a few Kashmir repays; a road turns off to Buri (8 marches), and to Rupshu by the Shah Budhang pass.
		PADAM . . .	11	407	A village near the Luna Sampa; supplies procurable; road good, traversing the wide fertile valley of the Luna Sampa; the river, which is deep and rapid, is crossed near Padam; yaks and ponies swim over; three villages are met with between Padam and Taza.
		TSAZA . . .	10	417	A halting-place; no supplies; water from a stream; the road, after leaving the valley of the Luna Sampa, crosses over the Shilung Loga pass; the village of Zangla is passed at 3 m.
		NIMCHI . . .	12	429	A halting place; no supplies; water from a stream; road good, through low hills.
		PANCH . . .	7	436	A village; supplies procurable; road ascends for 2 m. to the top of the Nae-rangla pass, through a ravine, with low hills on each side; the descent from the summit is tolerably easy.
		NAERANG . . .	8	444	A village; supplies procurable; road very fair; descend for 1 m. and cross the Luna Sampa; then an easy ascent for 2½ m. to the summit of the Chachu Borila pass; the descent to Yilchung is insignificant.
		YILCHUNG . . .	6	450	A good-sized village; supplies procurable; road fair, ascending for 6 m. to the top of the Yilchung pass; there is then a short and easy descent to a well-cultivated valley, called Maling, through which the road runs for 6 m.
FATOKSIR . . .	10	460	A small village; supplies scarce; road tolerably easy, crossing the Shi Shingli pass about 3 m.		
HOFUTTA . . .	10	470	A village; supplies procurable; water from a good stream, which runs past the village; road rather difficult in places, crossing a stream twice by a wooden bridge; pass Sunde at 3 and Phanjila at 7 m.		
WANLA . . .	11	481	A village; supplies plentiful; road easy, joining the road from Kashmir at Lamayuru.		
LAMAYURU . . .	6	486	A village with a fort; supplies and water plentiful; country barren, with low hills; road tolerable, following the course of the nullah for 2 m., until the Wamle stream is joined; this is crossed by a bridge, and the road follows the stream until its junction with the Indus, which is crossed at 8 m.; the bridge over the river is guarded by the fort.		
KHAISI . . .	9	495	A village situated on an elevated plateau; supplies and water procurable; country as above; road tolerable, following the course of the Indus for some distance; at 6 m. the village of Nyula is passed; the road then turns up a gorge in the low hills, and ascends to Himis.		
HIMIS . . .	15	510	A village; supplies and water procurable; country as above; road stony for the first half; pass Likir at 8 m.; the Indus is approached at Basgo.		
BASGO . . .	10	520	See Route 613.		
LEH . . .	20	546	Country hilly, with barren plains here and there; slight cultivation near Leh; road tolerably good, passing Shimo at 1 and Pitush at 13 m., between these two villages there is a short ascent and a long descent until the road reaches the river.		
		Total marches, 63=			
		646 m.			

FROM SIMLA TO SRINAGAR.

th KOTGAH, RAMPUR, SULTANPUR, LEFT BANK OF THE DEAS, THE ROTANG PASS, TANDI, AND KISHTWAR

AUTHORITIES		Name of stages and place of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Simla District, Umballa.	Dy Commr. of Simla, Simla.	PHAGU . . .	12	12	See Route 606
		THEOG . . .	6	18	
		MUTTIANA . . .	11	29	
		NARKANDA . . .	11	40	See Route 610(c).
		KOTGAH (THANADAR)	11	51	
		NIRTH . . .	10	61	
		RAMPUR . . .	12½	73½	See Route 611
		ARSU . . .	7	80½	A village, supplies on notice, plentiful good water from streams, suitable site for C-G available, country mountainous, road, 5 to 10 ft. wide unmetalled, but passable for horses, cross the Satlay at Rampur by a bridge, the road then ascends a very steep hill for about 5 m, short zigzags through a forest, after which it descends gently to Arsu
		SARHAN . . .	8	88½	A village, elevation 7000 ft., supplies on notice, good water from streams; space for C-G around village, country and road as in last stage, latter descends for about 5 m., then ascends the mountain by very steep, short zigzags one side is a deep well wooded ravine, on the other a tremendous torrent runs down at a fearful incline from the plateau of Sarhan
		BATHAD . . .	10	98½	A small village, supplies scarce, good water from streams, good site for C-G., road narrower, but bridged and passable for mules; for a mile after leaving Sarhan the road lies over a plain; it then ascends the Basico pass (11,000 ft. high) by narrow zigzags, reaching the crest at 3 m., thence a steep descent to Bathad, mostly through forest
G. O. C. Lahore District, Meem Meer	Assistant Commissioner in Kulu Nagar	MANGLAOR . . .	17	116½	Country and road as before, latter follows the Chata R., passes near Banjar (p-o) and crosses the Tirthan R. by a wooden bridge where the road from Jibbi is joined
		LARJI . . .	7	122½	
		BAJAURA . . .	12	134½	See Route 610(c)
		SULTANPUR (KULU)	9	143½	
		KATRAIN . . .	12	155½	
		MANAULI . . .	11½	167	
		BAHLA . . .	8½	175½	
		KOKSAR . . .	9	184½	See Route 612.
		SISU . . .	12	196½	
		GANDLA . . .	8	204½	
Chamba Territory.	Superintendent of Chamba, Chamba.	TANDI . . .	7	211½	A village, supplies on notice, plentiful good water from a neighbouring stream; space available for C-G., country and road as before, latter follows the right bank of the Chandra R., leads over a plain for 1 m., then ascends and passes along the face of rocks, very difficult and narrow in places, at 6 m. the Bhaga is crossed by a good bridge, just above its junction with the Chandra; after joining these two rivers are called the Chenab Just before reaching Tandi the road to Leh branches to the E
		JARMA . . .	14	225½	A village on right bank of the Chenab, supplies on notice, plentiful good water from a neighbouring stream, suitable space for C-G., country and road as before, latter runs down the right bank of the river, passing Tozang at 8, Malang at 5, and Sansa at 8 m
		TRILOKNATH	12½	237½	A large village with several other villages in the neighbourhood, on the left bank of the Chenab, elevation 9,660 ft., supplies and water plentiful, small spaces for C-G., road easy and good pass Kauri at 4, leave Lihwal at 6, and cross the Chenab (bridged) at 9 m. There is a very holy Hindu temple at Triloknath, a great place of pilgrimage
		ODAPUR . . .	5	242½	A small village, situated near the confluence of the Bendi and Chenab, few supplies procurable; water plentiful, encamp on terraces; road tolerable, cross the Chenab at 1½ m. and the Bendi at the end of the march, both bridged. There is a curious Hindu temple at Odapur
		MIYAR . . .	10	252½	A few huts on the right bank of the Bendi, elevation 10,215 ft., supplies not to be depended on, water plentiful, C-G. very small, road very difficult at first, afterwards tolerably good; cross the Bendi (bridged) about half-way
		CHIRPAT . . .	3	255½	A few huts on the right bank of the Bendi, fuel and water procurable, but no supplies, very little space for C-G. country tolerably well cultivated, road very fair, cross the Bendi (bridged) about half-way
		LEIAS . . .	15	270½	No supplies or fuel, but water procurable, C-G. in irregular patches; road difficult a long, steep ascent to the top of the Gurdhar pass (elevation between 17,000 and 18,000 ft.); then a very difficult descent, almost impracticable for Indian coolies, footsteps have to be cut in the snow, which is perpetual on this pass; for the last 2 or 3 m. the descent is somewhat easier, but very stony

AUTHORITIES.		Names of stages and size of camping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Chamba Territory.	Superintendent of Chamba, Chamba.	BATAOR . . .	6	276½	A few shepherds' huts, elevation 11,838 ft.; fuel and water, but no supplies procurable; space for C-G. small; road tolerably good.
		SAICHU . . .	8	284½	A small village; supplies scarce; water procurable; C-G. very limited; road tolerably good.
		SAUCH . . .	10	291½	A village on the right bank of the Chenab, elevation 7,886 ft.; supplies and water procurable; road tolerably good, following the course of a mountain torrent. NOTE.—There is another road from Odapur, along the banks of the Chenab, and though dangerous in places, it is usually followed by travellers; the marches are:— Margraon . . 4 m. Supplies and water procurable. Salsgraon . . 10 „ Supplies scarce; water plentiful; road narrow and difficult in parts; crosses the Chenab at 8 m. Tindl . . . 8 „ Supplies and water obtainable; first half of march difficult. Sear . . . 17 „ Road difficult. Sauch . . . 11½ „ Road difficult; pass Parli at 3 and cross the Chenab (bridged) at 10 m.
		KILAR . . .	8	302½	A village near the right bank of the Chenab, elevation 8,411 ft.; supplies and water procurable; road difficult, quite impracticable for horses; pass Fhiura at 8 and Mocha at 5½ m.; some of the torrents are bridged.
		DARVAS . . .	6	308½	A large village near the right bank of the Chenab, elevation 8,429 ft.; supplies and water plentiful; a storehouse capable of sheltering 80 to 100 men; road tolerably good at first, then a steep descent down the rugged face of a hill to a rapid stream which is crossed by a bridge just below the village; between this and Trilekmath fine deciduous trees grow.
		ASHDARI . . .	10	318½	A deserted village on the right bank of the Chenab; no supplies; road passable for hill animals with light loads, but difficult; pass Luj at 2 and leave the Chamba Territory at 4 m.; the hills on both sides become lower as the river is descended.
		SONUL . . .	11	329½	A moderate-sized village situated on an cultivated plateau; supplies and water procurable; extensive site for C-G.; road fair the whole way and practicable for animals with light loads; a swing bridge over the Chenab here.
		GULABGARH . . .	6	385½	A small square fort, situated at the junction of the Chenab and Padar rivers; road tolerable, following the right bank of the river; hills rocky and precipitous opposite to Gulabgarh; on the left bank of the Chenab is Artali, connected by a rope bridge; there is a road from here to Leh <i>via</i> the valley of the Padar R. and Padam.
		JHAR . . .	4	339½	A village about 400 ft. above the right bank of the Chenab; supplies procurable in the neighbourhood; water plentiful; road tolerable, passing through a good deal of cultivation; snowy mountains close to both sides of the river; the path from here to Kishtwar is impassable for many months in the winter; there is another path along the riverside which people sometimes travel by at that season, but it is a difficult and dangerous one.
		Kashmir Territory.	Resident in Kashmir, Srinagar.	SIRERI . . .	10	349½	A few deserted houses; no supplies; road fair, ascending gradually to Sirer which is about 2,000 ft. above the Chenab.
LIDRAM . . .	7			356½	No supplies; a Lad C-G. by the side of an avalanche; road extremely bad, along a rocky hillside, keeping 1,600 or 2,000 ft. above the river; very fatiguing for coolies.
PYAS . . .	7			363½	A few houses, elevation 5,320 ft.; no supplies; C-G. in a ravine below village; hills steep and rocky; road bad.
BAGENA . . .	11			374½	A few houses; fuel and water abundant; supplies scarce; road bad along the wooded sides of the hills overhanging the Chenab.
KISHTWAR . . .	18			392½	Road, tolerable, except in one or two places, as in last march at first, then descending an elevated ridge to Kishtwar.
MUGHAL MAIDAN . . .	16			408½	See Route 203.
SINGPUR . . .	15			419½	
WANKERINGI . . .	10			436½	
WANGAN . . .	12			447½	
ISLAMABAD . . .	17			464½	
AVANTIPUR . . .	18			482½	For other remarks see Route P.
SRINAGAR . . .	17	499½			
		Total march, 49=			
		499½ m.			

Route No. 614 (a).
FROM SIMLA TO SRINAGAR.
via LEH.

AUTHORITIES.		Names of stages and size of camping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Resident in Kashmir, Srinagar.	FROM SIMLA to LEH, 36 marches.	...	378½	See Route 613.
		NIMO . . .	18½	396½	The road runs across a plain for 5 m. to Tiltak gorge, on right bank of Indus, and then follows the river westward to Pinyang sarai at 6th m.; then continues straight on at some distance from the river to Nima sarai, the Zaskar R. falling into the Indus at this point; elevation 10,440 ft.

ATTRIBUTES		Names of stages and size of encamping-grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
Kashmir Territory	Resident in Kashmir, Srinagar	SASPUL . . .	11½	408½	From Nima the road runs to Bargo at the mouth of a fertile valley, from this point the old track runs higher up the mountain slopes through Hindis, the new track runs direct from Bargo to Sargol on the Indus; elevation 10,443 ft.
		NURLA . . .	14½	423	The track follows the river bank for the whole march to Nurla; the old road through Hindis joins in here, elevation 10,155 ft.
		LAMATURU . . .	18½	441½	See Route 018 (b) The track is still on right bank of the Indus as far as 11½ m. when it passes through Khalsi fort overlooking the bridge over the Indus, at about 3 m. beyond Khalsi the route turns S and enters the Wanda nullah, stream is crossed repeatedly, at Lamayura the country is more open, elevation 11,355 ft.
		KHARBU . . .	16½	458½	The ascent to Fotula pass begins at once, this gradual slope being a little over 2,000 ft. in 6 m., the descent is also gradual, and in 10 m. reaches Kharba sarai, elevation 11,487 ft.
		SHARGOL . . .	10	476½	From Kharba the route follows a tributary to the W. Khanal is passed, and at 6 m. is the crest of the Namgya pass (12,502 ft.), the descent is gradual, passing Malbek Chumba (a figure cut out of rock) and the Malbek C-G; the Shargol camp is in the 20th m., elevation 10,363 ft.
		KARGIL . . . P o	18½	494½	From Shargol the descent is gradual, and road follows right bank of the Wakra R. as far as Pashyan at 18 m., where it crosses to the left bank by a bridge, the country shortly becomes more open and a short descent leads to junction of the Wakra and Suru rivers. The fort is close to the river bank, but the p.o. is higher up near the village of Kargil, situated on the left bank of the Baru R., supplies plentiful, elevation 8,380 ft.
		TASHGAON . . .	31	516½	From Kargil the road follows the left bank of the Suru for 3 m., where the Dras Shigar stream joins it, then follows the right bank of this tributary, passing Chanaugund at 7 m., the junction of the Dras and Shigar rivers is passed at 13 m. and Korbo at 16, the river is crossed by a bridge just before reaching Tashgaon sarai, elevation 9,448 ft.
		DRAS . . . P o	15	530½	The track continues S W along left bank of the Dras R. to Dandul, thence route turns due W passing Bumbut and finally reaching Dras sarai, elevation 9,907 ft.
		MATAYAN . . .	12½	543	The road is fairly level to Pandras and shortly after crosses to right bank by a bridge and in 4 m. Matayan sarai is reached.
		BALTAL . . .	15	558	From Matayan the track runs along right bank as far as the bridge leading to Martang at 7 m., there is then an ascent of about 500 ft., and the road is continued past the foot of the Merogi glacier; there is a descent into the river bed and the track passes over swampy ground to the head of the Gamber R. at 13 m. is the watershed of the Wagsega nullah, and this spot defines the true boundary between Ladak and Kashmir by being the source of the Sind R., the route passes over 3 or 4 snow bridges, when a steep ascent leads to the crest of the Zafra pass (11,287 ft.) at 14 m., there is a descent of 2 m. to Baltal in the Sind valley of Kashmir.
		SONAMARG . . .	9	567	From Baltal the road passes through a bare plain, crosses the river to left bank opposite a village of half a dozen houses and again to right bank by a wooden bridge beyond the Marg, country becomes bare and the road rocky thence through a forest to Sonamarg where there are only a few shepherd's houses; supplies very scarce.
		GAGANGIR . . .	7½	574½	A small village; supplies not procurable; water and fuel abundant, between here and Gandarbal the road is sometimes on left bank of the river and sometimes on the right, according to the state of the bridges.
		GOND (GUNDI-SER SINGH) . . .	8	582½	A village, supplies and water procurable, country, a valley with cultivation; a good road. There is a short path from here to Baltal— To Chit Gari 14 m. Baltal 10 " TOTAL 24 m.
		KANGAN . . .	18½	596	A small village; supplies procurable, water plentiful; country and road as in last stage, the river is crossed at Santal at 2½ and again at Haru at 6½ m., pass Martang at 13 m.
		GANDARBAL . . .	11½	607½	A village; supplies procurable, water plentiful, country generally swampy, with rice cultivation, road good, but narrow in places.
		SRINAGAR . . .	14	621½	See Route 3 Country and road as in last stage
		Total marches, 53— 621½ m.			

Route No. 615.
FROM SIMLA TO SUBATHU.
via THE NEW ROAD

ATTRIBUTES		Names of stages and size of encamping-grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C. Simla District, Umballa	Deputy Commissioner at Simla, Simla	From the Camp to— KHAIRI GHAT . . .	18½	18½	" See Route 391.
		SOLAN	18½	37	
		SUBATHU	10½	61½	See Route 172
		Total marches, 3— 61½ m.			Country mountainous, road good and practicable for carts; leave the main road to Kalka at 20½ m. There is another road from Solan leaving the main road at 1½ m.; by this, which is practicable for laden mules, Subathu is only 12½ m. from Solan.

Route No. 615 (a).
FROM SIMLA TO SUBATHU.
via THE OLD ROAD.

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AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Seelie District, Unbala.	Dy. Commr. of Sindh, Bala.	From the Church to SAIRI . . .	10½	10½	See Route 381 (a).
		KAKARHATTI . . .	10½	20½	
		SUBATHU . . .	2	22½	
		Total marches, 3=			See Route 172. Leave the Kasauli road at Kakarhatti and ascend steadily to Subathu by a good bridle-road; gradient steep.
		22½ m.			

Route No. 616.
FROM SIRONJ TO GOONA.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	P. Agent in charge, Sahore. Resident at Gwalior, Gwalior.	MALIAKHERI . . .	12	12	A small village; supplies scarce; water from a large well on C-G., extensive site for which is N. of village, where there are other wells; country at first mostly jungle, afterwards chiefly cultivated; road a fair track, crosses, on starting, over a range of hills; pass Jetpur at 7 m.
		RANPUR . . .	9½	21½	A moderate-sized village; supplies on notice; water from 2 good wells on C-G., extensive site for which is S. of village; country level and chiefly cultivated; road as above, but impassable in the rains, as the Sind (100 yds. wide, banks steep) is then unfordable; cross the river at 3 m.
		AROUN p-o. . .	6½	27½	A good-sized village with a small stone fort; supplies procurable; water from wells and a stream near C-G., spacious site for which is close to road and village; country undulating and stony; road as above; cross a nullah at 3 m., then pass Biranjpur.
		SULTANPUR 62,500 sq. yds. . .	11½	39½	A moderate-sized village; supplies scarce; good but limited water from wells near C-G., which is close to road and village; country level and chiefly cultivated; road as above; cross a nullah by an easy ford at 5½, and pass Khurja at 8 m.
		GOONA . . .	10	49½	See Route 10. Country undulating and mostly jungle; road as above; pass Behta at 4 m.
		Total marches, 5=			
		49½ m.			

Route No. 617.
FROM SIRONJ TO MHOW as far as MAKSEE (for remainder see Bombay Route Book No. 322).
via BIAORA AND SARANGPUR.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	P. Agent in charge, Sahore. Resident at Gwalior, Gwalior.	MURARWAS 25,000 sq. yds. . .	13	13	A village; supplies scarce; good water from a well near C-G., site for which is between road and village, where there are other wells; country jungle except just round village; road unmetalled and bad, passing over hilly country and intersected by nullahs.
		LATERI . . .	7	20	A town; supplies on notice; good water from wells in town; plenty of space available for C-G.; country partially cultivated round town; road as above.
		MARSUDANGARH (NIAKILA) 180×100 yds. p-o. . .	10	30	A large village at the foot of a hill, which has the ruins of an old fort on the top, within the walls of which are two tanks; supplies procurable; good water from 5 wells in vicinity of C-G., good site for which is ½ m. S. of village; country rocky in places, but generally well cultivated; road, a mere cart track.
		SUTHALIA p-o. . .	8	38	A large village; supplies procurable; good water from 5 wells and a nullah near the site chosen for C-G., which is in fields near a large mango grove; country and road as above; nullahs unbridged; cross the Parbati just below its junction with the Twa Nadi by a bad crossing, but passable for guns. The river is unfordable during heavy rain; a causeway is to be built a mile below present crossing.
		BIAORA . . .	15	53	Country at first hilly and jungly, afterwards open and well cultivated; road, a mere cart track, stony and rough until the open country is reached when it becomes very fair.
		KARANWAS . . .	10½	63½	
		PACHHAR . . .	8½	71½	See Route 10.
		UDONKHERI . . .	7½	79½	
		SARANGPUR . . .	11½	90½	
		SHAJAPUR . . .	17	107½	
		MAKSEE . . .	14½	122½	
		Total marches, 11=			
		122½ m.			

FROM SIRONJ TO NEEMUCH as far as TEHLA (for remainder see Bombay Route Book, No 242)

via JHALRAPATAN

AUTHORITY.		Name of stage and size of camping-ground	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Bandelkhand District, Agre	Political Agent in Bhopal, Solero	NOWAKHERI	11½	11½	A small village; supplies on notice plentiful good water from 8 wells near C-G, spacious site for which is W of village country hilly, road, a very fine track rises in first 3 m to a high table land
		MOTHI	12½	24	A small village, supplies scarce; good water from 2 wells on C-G, spacious site for which is near village, where there are other wells country level and chiefly cultivated, road as above, but hardly passable for laden carts in places; pass Anandpur at 6½ m.
		BARHAD 60,000 sq yds	15	39	A large village supplies procurable, good water from wells on C-G, which is close to village and road, country jungle with partial cultivation, road rough and steep in places; nullahs fordable
	Resident at Gwalior, Gwalior	CHACHORA p o	13	52	A large town, about 2 m W of the Agre Bombay road, supplies plentiful, abundant good water from 4 masonry wells on C-G, suitable site for which is 200 yds S-W of town, accommodating about 2 lakhs, country and road as above, cross the Parvati (fordable) en route
		MANAWAR 30,000 sq yds p o	16	68	A large walled town on the Parwan R., supplies plentiful good water from wells and the river, site for C-G S of town, country hilly and covered with jungle, road, a bad cart track, 6 to 10 ft wide, steep, stony and rough in places, nullahs fordable except after heavy rain, pass Jaser at 10 m. There is an alternative and much better road between Manawar and Asaur making the following stages— Salehri 10½ m Aklera 10½ " } Water plentiful; road 80 ft. wide unmetalled Amets 12 } but good Amans 6½
		CHIRAILA 12,000 sq yds	11	79	A large village, supplies plentiful good water from wells and the Narmada R., on bank of which, and about a mile before reaching village, is site for C-G; country, a broad valley; road very good for first 8 m, thence a rough cart track; cross the Parwan on starting, by a good cutaway and the Narmada (dry in hot weather) at end of stage, by a rocky crossing, both rivers unfordable after heavy rain
	Pol. Agt., Tank and Harats, Deoli	BANAJOA 10,000 sq yds.	13	92	A village on the Chapi Nadi; supplies very scarce, water from wells and the nadi; site for C-G W of village; country hilly with cultivation in the valleys, road, a bad cart track, rough and stony in parts, but fairly level; pass Khejra at 3 m. and cross the Chapi (generally unfordable in the rains) at end of stage.
		ASNAUR	12½	104½	Country covered with jungle, road bad until it reaches the Gwalior-Neemuch road at Amels. 4½ m
	Pol. Agt., Jhalrapatan, Kotah	JHALRAPATAN	10½	115½	See Route 238
	Pol. Agt., Kotah	BILWARA	6½	122½	
	Pol. Agt., W. M. Mera.	OSARA	9½	132½	
		BHANPURA	9½	142½	
		TEHLA	10½	153½	
		Total marches, 18=			
		154½ m.			

Route No. 619.

FROM SIRONJ TO SEHORE

via BERRASIA.

AUTHORITY.		Name of stage and size of camping-ground	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Bandelkhand District, Agre	Resident at Gwalior, Gwalior	SALPARO	13½	13½	A small village, supplies scarce, water from several wells and a stream; C-G spacious, country at first well cultivated afterwards undulating and jungle, hills to the W, road, a more track, impassable during rains, pass Kheja at 2½ m.
		BARDA	9½	22½	A large village, supplies on notice, good water from wells in vicinity of village, near which and close to the road is site for C-G, country hilly and partially cultivated, road as above, cross the Sugar (fordable except during rains) at 3 m.
		DATURIA	7½	30½	A village supplies scanty fuel plentiful, water from wells and a nullah, plenty of space for C-G country partially hilly, jungle and cultivation, road, a country track, impracticable for carts during rains.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. C. C. Norbunda District, Jabalpur.	Political Agent in Etahal, Sahore.	BERASIA . . .	19	42½	See Route 578. Country well cultivated and undulating, with a few isolated hills; road as in last stage; nullahs passable in dry season. There is an alternative route between Berasia and Sahore, which would have to be used in the rainy season; the following stages are made:— Ratwa Bandikheri . . . 18 m. } Road metalled after first 2 m. Dhopal . . . 18 " } Khajuri . . . 11 " } Sahore . . . 12 " } See Route 571.
		BARKHERA . 170×100 yds.	11	53½	A small village; supplies scanty; good water, for a bath, from a well 100 yds. N. of C-G, shaded site (a guangire in the rains) for which is W. of road and near village; there is another well, W. of camp, but water indifferent; country generally open and cultivated; road as in last stage; pass Kachnar at 6 m.
		DURAHA . 800×200 yds. p-o.	13	66½	A large village; supplies plentiful; abundant good water from 8 wells, one on road and others near, C-G, which is W. of road and close to village; country and road as above; nullahs passable in dry weather; pass Rasulpur at 6½ m.
		SEHORE . . .	16	81½	See Route 571. Country generally open and cultivated, with occasional patches of waste land and scrub-jungle; many nullahs; road as above, except the last 2 m., which are metalled; pass Semalia at 7½ m.
		Total marches, 7=			
		81½ m.			

Route No. 620.

FROM SIRSA TO BAHAWALPUR.

via DHUTNIR, SIRDARGARH AND ANUPGARH.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. C. Sirhind District, Multan.	Deputy Commis-sioner of District, Multan.	KANIA . . . 10,285 sq. yds. p-o. b.	12½	12½	A small town; supplies on notice; plentiful good water from a well and tank close to C-G, latter 100 yds. N. of town; country jungly; road unmetalled, but bridged and fit for all arms; pass Ramnagar at 3, and cross the Ghaggar R. (fordable except in rains when a ferry, carrying 80 men at a trip, plies) at 7½ m.
		SURAWALI . 600×400 yds.	18½	31	A small village; supplies on notice; good water from a well; C-G. 100 yds. W. of village; country uncultivated; road unmetalled, but fit for all arms; pass Jagmalan at 7½, and Ulipur at 9 m.
		DIHUTNIR . . .	13½	44½	A small village; supplies procurable; plentiful good water; C-G. S-E. of village; country and road as in last stage; pass Kamra at 4½ m. The road to Dikaner (see Bombay Route Book No. 201) branches off at Dihutir.
		DRABLI . . .	8½	52½	A small village; supplies procurable; water, plentiful but slightly brackish, from wells and a tank; good site for C-G. near village; country and road as before.
		RAMPURA . . .	18	70½	A small village; no supplies; good water from a well and tank; C-G. anywhere near village; country sandy; road as before, heavy in parts; several deserted villages are passed en route.
		SIRDARGARH . . .	12	82½	A small village; supplies must be brought from Saratgarh; good water from 2 wells and a tank; C-G. anywhere near village; country and road as before.
Bikaner Territory.	Political Agent, Bikaner, Rajputana.	BALUCHIA . . .	19½	102½	A small village which is often deserted in bad seasons; supplies procurable with difficulty; water from 3 wells and a tank, but quality not good; C-G. in a dry hard basin surrounded by hills; country and road as before; a heavy sand-hill is crossed towards end of march.
		ANUPGARH . . .	15½	118½	A village; supplies on notice; fair water from wells and tanks; C-G. good; country and road as before.
		WALAR . . .	11½	129½	A village; supplies on notice; good water from 2 wells in vicinity of C-G, extensive site for which is 200 yds. N. of village; country as before; road unmetalled and fit only for cavalry and infantry.
		PHULRA . . .	10½	140½	A village; supplies on notice; fair water from 4 wells and a tank; no regular C-G. but space available N-E. of village; country and road as in last stage.
		MIRGARH . . .	12	152½	A village; supplies must be collected; good water from 4 wells 200 yds. E. of village; no regular C-G. but extensive space available W. of village; country and road as above; a well with good water is passed at 8 m.
		MARUT . . .	12	164½	A village; supplies on notice; good water from 3 wells and a large tank near C-G, extensive site for which is W. of village; country and road as above.
Bahawalpur Territory.	Political Agent at Bahawalpur, Bahawalpur.	CHAPU . . .	30	174½	No village; supplies must be collected; good water for 600 men and as many animals from 2 wells; no regular C-G. but plenty of land available N. of wells; country and road as above.
		KALAPAHAR . . .	9	183½	A small post; supplies must be collected; good water for 600 men and as many animals from a well; no regular C-G. but plenty of land available 500 yds. N. of well; country and road as above.
		POWARWALA . . .	12	195½	Country and road as before.
		BAHAWALPUR . . .	14½	209½	See Route 122.
		Total marches, 10=			
		209½ m.			

Route No. 620(a).
FROM SIRSA TO BAHAWALPUR.
via MALAUT, FAZILKA AND KHAIRPUR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil.		Miles	Total	
G. O. C. Sirhind District, Umballa Messia Meer.	Dy Commr of Hissar, Hissar	SAHUWALA	10	10	See Route 261.
		ODHA	8	18	
		PIPLI	7	25	
		DUBWALI	11	36	
		LAMBI	11	47	
	Dy Commr of Ferozepore, Ferozepore	MALAUT	18	60	A small village; supplies on notice; good water for a bath from a well, C.G. in adjacent fields, country much cultivated; road unfit for wheeled traffic, but in fair order; pass Bitha at 9 and Panmali at 11 m
		ARNIWALA	10	70	
		418,400 sq yds p-a. b.			
		FAZILKA	14	80	
		HASIL SARU	12½	102½	
Bahawalpur Territory	Political Agent, Bahawalpur	McLEODGANJ	11	113½	See Route 264.
		MINCHINABAD	10	123½	
		CHAKUKA	10	133½	
		PHULAN	10	143½	
		SADIKPUR	12½	156½	
		MAHTIA JHEDU.	18½	170½	For other remarks see Route 132.
		SHAH-FARID	8	178½	
		HASILPUR	13	192½	
		KAMPUR	8	200½	
		KHAIRPUR	12½	213	
		BRIDGE No 1	17	230	
		BAHAWALPUR	20½	250½	
		Total marches 21= 250½ m			

Route No. 621.
FROM SIRSA TO BIKANER *as far as PIPAWA (for remainder see Bombay Route Book Nos 201 (1) or 201 (2)).*

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil.		Miles	Total	
G. O. C. Sirhind District, Umballa.	Dy Commr of Hissar, Hissar	RANIA	12½	12½	See Route 620
		PIPAWA	8	20½	
		Total marches, 2= 20½ m			
					A large village, supplies easily procurable; good water from 3 wells; C.G. anywhere near village country fairly cultivated road unmetalled but bridged and fit for all arms

Route No. 622.
FROM SIRSA TO MEEHAN MEER,
via BATHINDA, FARIDKOT AND HARUKI

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil.		Miles	Total	
G. O. C. Sirhind District, Umballa.	Dy Commr of Hissar, Hissar	SAHUWALA	10	10	See Route 261
		ODHA	8	18	
		PIPLI	7	25	
		KOT BAKHTU	11	36	
		BATHINDA	12½	48½	
	Chief Secy to Punjab Govt.	JAITU	17	65½	See Route 261 (a)
		KOT KAFURA	11	76½	

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Deputy Commissioner of Ferozepore, Ferozepore.	FARIDKOT . . .	8	84½	See Route 261(a).
		MOODKEE . . .	10½	94½	See Route 256.
		ZIRA . . . p.o.	14½	109½	Country undulating, partially cultivated at first, well cultivated near Moodkee; road unmetalled, heavy in places, passable for cavalry. The Dunda, or high bank of the old bed of the Sutlej forms a marked feature in the country.
		MAKHU . . .	11	120½	A small town; supplies easily procurable; plentiful good water from wells in vicinity of C-G., small site for which is E. of town; country and road as in last stage; pass Burakot Karor at 3, cross the Ferozepore-Ludhiana road at 5, and pass Rotauli Robi at 10 m.
		HARIKI . . .	6½	126½	Country level, open and well cultivated, generally bare of trees; road as above; the direct road from Zira to Hariki passes ½ m. W. of Makhru, which place is reached by a road which joins the direct road again 2 m. beyond Makhru; cross the old bed of the Sutlej at about 5½ m., banks rugged and broken.
		BHAGUPURA . . .	9½	134½	
		KALA . . .	9½	141	See Route 284.
		KHALRA . . .	7	151	
		BARKI . . .	8½	159½	
		MEERA MEER . . .	9	168½	For other remarks, see Route 259.
		Total marches, 17 = 168½ m.			

Route No. 623.
FROM SIRSA TO MONTGOMERY.
 via MALAUT AND DIPALPUR.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umbahla.	Deputy Commissioner of Ferozepore, Ferozepore.	SAHUWALA . . .	10	10	
		ODHA . . .	8	18	
		PIPLI . . .	7	25	
		DUBWALI . . .	11	36	
		LAMBI . . .	11	47	
		MALAUT . . .	13	60	
		MUKTSAR . . .	19	78	See Route 261.
		GHOTA GANGA . . .	12½	90½	A village; supplies on notice; indifferent limited water from a well; C-G. must be arranged for; country level, open and partially cultivated; road unmetalled, but good to Bakhri, 5 m., thence sandy and heavy to Indhuwala, 8½ m., remainder better and firmer.
		PARBAT SINGH-WALA . . .	10	100½	A village on left bank of the Sutlej; supplies on notice; plentiful good water from a well; C-G. must be arranged for; country as above, with occasional small sand-hills; road as in latter part of last stage; cross the Nizamwali canal (13 ft. wide) at 2 m., and cross the Ferozepore-Bahawalpur road ½ m. N. of Baggeka.
		ATARI . . .	6	106½	See Route 257.
		BASIRPUR . . . p.o. b.	13	119½	Country jungly, with partial cultivation; road unmetalled and cut up owing to floods and drainage, and is being changed continually; cross the Sutlej on starting, by ferry of 1 boat carrying 80 men, others on notices.
		DIPALPUR . . . 150 x 150 yds. p.o. t-o. b.	13	132½	A large village; supplies on notice; plentiful good water from adjacent wells; C-G. must be arranged for; country as above; road unmetalled but kept in repair.
G. O. C. Lahore District, Meera Meer.	Deputy Commissioner of Montgomery, Montgomery.	PIPLI PAHAR . . .	8	140½	An old town; supplies plentiful on notice; good water from several wells, one in centre of C-G., suitable site for which is N. of town; country and road as in last stage.
		RAKLAWALA . . .	8	148½	A small village; supplies on notice; water (supply uncertain) from wells; suitable site for C-G. N. of village; country partially cultivated; road as above.
		GHOUSPUR . . .	8	156½	A halting place; supplies must be collected; water obtained from Mirshank village, 3 m. distant; at Takarn, 2 m. from Rakhawala towards Pipli Pahar, there is a good well; this would be a more suitable spot to camp at; country and road as before.
		MONTGOMERY . . .	7	163½	A halting place; no supplies or water; land available for C-G., but must be cleared of thick jungle; country, jungle; road unmetalled, but good.
		Total marches, 10 = 163½ m.			See Route 257. Country and road as in last stage; cross the ry. about 2 m. E. of Montgomery.

Route No. 624.
FROM SITAPUR TO BAHRAICH.
via BISWAN AND CHILARI

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O O Oudh District, Lucknow.	Dy. Commr. of Sitapur, Bahraich, Bahraich	SARAYIA 21,780 sq yds.	8	8	A small village, supplies procurable from Sitapur, good water, for a battn., from a well S of C-G, site for which is N of road, country level, open and well cultivated, road unmetalled, but raised and bridged, cross the ry. at Khairabad (p o) at 4½ m
		BISWAN 85,090 sq yds. p-o	12½	20½	A large Mahomedan town; supplies plentiful, abundant good water from a well N. of C G, which is S. of road just before reaching Barwan; country and road as above, cross the Gun Nadi (unfordable) at 1½ m, by a wooden bridge unfit for artillery
		RAEULPUR . 29,040 sq yds	11	31½	A large village near the Ohowka, supplies from Barwan, water from the river and from 6 wells in vicinity of C G, site for which is S of road, subject to inundation in the rains, country level and open, but low and liable to be flooded in wet weather, road neither metalled nor bridged and fair in dry season only cross the Bakwa at 5, the Kawan at 8, and the Ohowka (bed heavy sand) at 10 m, streams unbridged but passable.
		CHILARI . 72,600 sq yds.	9	40½	A village on right bank of the Gogra, supplies scanty, water from the river; C G S of road, called Lalpur, country and road as in last stage, cross the Sakni nullah (fordable in dry season) at 6 m
		RAMPURWA 24,605 sq yds	8	48½	A large village, supplies procurable, good water from 3 masonry wells, animals can be watered at the Barhan Nadi, 1 m distant, shady site for C-G N of road; country cultivated, road as above, nullahs always fordable, cross the Gogra S at 1, by ferry of 9 boats, accommodating 1 800 men, and pass Bhagwanpur at 6 m
		BAHRAICH .	19½	61½	See Route 269 Country and road as in last stage, except last 3½ m. of latter which are metalled and fit for all arms; pass Bishapur at 3 and cross the Chota Sarju at 11 m, by pontoon bridge or ford in the dry season, by ferry in the rains.
		Total marches, 6 = 61½ m.			

Route No. 624(a).
FROM SITAPUR TO BAHRAICH.
via LAHARPUR AND TAMOUR.

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O Oudh District, Lucknow	Dy Commr. of Sitapur, Bahraich, Bahraich	KURSELA . 12,100 sq yds.	7	7	A small village, supplies from Sitapur, good water, for a battn., from a well near C G, site for which is S of road; country level, open and cultivated road about 50 ft. wide and neither metalled nor bridged. From Kursela 1 road branches off S to Khairabad r-o, distant 6 m
		LAHARPUR . 290,400 sq yds p-o. b.	10	17	A large town, supplies procurable, plentiful good water from 4 wells near C-G, which is on both sides of road and S of town, country and road as above, cross the Gun (strongly bridged) soon after starting. From Laharpur unmetalled road branch off to Bisena and Khor, distant, respectively, 15 and 18 m
		CHANDI .	10½	27½	Country open and cultivated, but low and subject to inundation, road fair in dry weather bad and difficult for wheeled traffic in rains, cross the Kewan at 1½, the Gogra at 4½, the Ul at 7½, and the Katwa at 8½ m, all fordable in the dry season, small ferries being usually available in the rains.
		TAMOUR .	6½	34	See Route 402.
		KATARI GHAT	10	44	
		GUEWA .	11	55	
		BAHRAICH .	11	66	For other remarks see Route 269.
		Total marches, 7 = 66 m			

Route No. 625.
FROM SITAPUR TO FYZABAD.
via BAHADURPUR, NEAR LUCKNOW AND NAWABGANJ

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O Oudh District, Lucknow	Dy. Commr. of Sitapur, Bahraich	JALALPUR	11	11	See Route 421.
		BAHADURPUR	11	22	
		JAIPARPUR	10	32	

Attributes.		Names of stages and size of encompassing grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
O. C. O. South District, Lucknow.	Dr. Commr. of Lucknow.	BAKSHI-KA-TALAO	12	41	See Route 421. Country and road as above; leave the road leading to Lucknow about $\frac{1}{2}$ m. before reaching the iron bridge, keeping parallel to the Gumi until the Lucknow-Fyzabad road is reached; pass the road leading to the Chatter Manzil bridge at 9, and the road leading to the Sikandra bridge-of-boats at 10 m. See Route 411.
		CHINHAT	16 $\frac{1}{2}$	59 $\frac{1}{2}$	
	Dr. Commr. of Bada-Banki.	NAWABGANJ (BADA-BANKI).	10	69 $\frac{1}{2}$	See Route 414. For other remarks, see Route 251.
		BAGHAURA	13 $\frac{1}{2}$	82 $\frac{1}{2}$	
	Dr. Commr. of Fyzaloh, Fyzaloh.	RAMSANEHIGHAT	12	94 $\frac{1}{2}$	See Route 251. For other remarks, see Route 31.
		BHILSAR	12 $\frac{1}{2}$	107 $\frac{1}{2}$	
		RONAHI	13 $\frac{1}{2}$	120 $\frac{1}{2}$	
		FYZABAD	10 $\frac{1}{2}$	131 $\frac{1}{2}$	
		Total marches, 11 =			
		131 $\frac{1}{2}$ m.			

Route No. 625(a).
FROM SITAPUR TO FYZABAD.
via FATEHPUR, BARIHWAL, AND DARYABAD.

Attributes.		Names of stages and size of encompassing grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
O. C. O. South District, Lucknow.	Dr. Commr. of Sitapur.	SATAYIA	8	8	See Route 624.
		HISWAN	12 $\frac{1}{2}$	20 $\frac{1}{2}$	
	Deputy Commissioner of Bada-Banki, Fyzaloh.	MAHMUDABAD	16 $\frac{1}{2}$	36 $\frac{1}{2}$	A large town; supplies abundant; plentiful good water from wells; good site for C.G. in a mango grove; country level, open and well cultivated; road unreticulated, but raised and bridged; pass Kanchanpur at 5 $\frac{1}{2}$ m. A good-sized town; supplies procurable; good water, for a battn., from 2 wells N.W. of C.G., shady site for which is S. of road; country and road as above, but subject to floods during heavy rains; pass Bhagwati at 6 $\frac{1}{2}$ m. and join the road from Nawabganj, which is metalled and bridged, just before reaching town. A village; supplies procurable; good water, for a battn., from a well on C.G., shady site for which is S. of road, and about $\frac{1}{2}$ m. from the r.r.; country and road as in last stage; pass Bilhis at 9 m. and cross the ry. near end of stage.
		FATEHPUR	10 $\frac{1}{2}$	47 $\frac{1}{2}$	
		BARIHWAL	12	60 $\frac{1}{2}$	
	Dr. Commr. of Fyzaloh, Fyzaloh.	BADOSARAI	7 $\frac{1}{2}$	68	Country and road as above. See Route 514. Country and road as above, latter is parallel to the O. and R. Ry.; pass Allahabad at 7 m. See Route 251. For other remarks, see Route 31.
		DARYABAD	10	78	
		BHILSAR	13 $\frac{1}{2}$	91 $\frac{1}{2}$	
		RONAHI	13 $\frac{1}{2}$	104 $\frac{1}{2}$	
		FYZABAD	10 $\frac{1}{2}$	115 $\frac{1}{2}$	
		Total marches, 10 =			
		115 $\frac{1}{2}$ m.			

Route No. 626.
FROM SITAPUR TO GONDAL.
via FATEHPUR, BARIHWAL AND COLONELGANJ.

Attributes.		Names of stages and size of encompassing grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
O. C. O. South District, Lucknow.	Dr. Commr. of Lucknow.	SATAYIA	8	8	See Route 624.
		HISWAN	12 $\frac{1}{2}$	20 $\frac{1}{2}$	
	Dr. Commr. of Bada-Banki, Fyzaloh.	MAHMUDABAD	16 $\frac{1}{2}$	36 $\frac{1}{2}$	See Route 625(a).
		FATEHPUR	10 $\frac{1}{2}$	47 $\frac{1}{2}$	
		BARIHWAL	12	60 $\frac{1}{2}$	

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Oudh District, Lucknow	By Comd'r of Gonda, Hara-Banki, Gonda, Gonda	CHITTAUNI .	14	74½	Country and road as before NOTE.—Owing to the delay caused by crossing the Gogra R., it might be preferable to march either from Fatehpur to Bahramghat, 10½ m., not halting at Barhal, or to make an extra stage camping at Bahramghat as well as at Darhwal. See Route 416 For other remarks, see Route 200. For other remarks, see Route 270.
		COLONELGANJ .	7	81½	
		BALPUR	9	90½	
		GONDAH	7	97½	
		Total marches, 9 = 97½ m.			

Route No. 627.
FROM SITAPUR TO HARDOI
via KUTABNAGAR.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Oudh District, Lucknow	By Comd'r of Sitapur, Sitapur, Hardoi, Hardoi	RANKOT .	8	8	See Route 164 A village, supplies procurable, good but limited water from a well, C-G ½ m. S of village, on the road leading to Mirrikh, country level, open and fairly cultivated, road, general width 60 ft., neither metalled nor bridged, easy and difficult at all times for wheeled traffic, pass Wazirnagar at 7 m. A small village, supplies procurable, good water for a batta, from a well on C-G, which is near the road, country and road as in last stage, cross the Gumbi at about 5 m. by ferry, 2 boats, each carrying 40 men See Route 148. Country as above, road to the Sui R. (bridged) at 9 m. as in previous stage (since raised but unmetalled and unfit for heavy wheeled traffic during the rains)
		KUTABNAGAR 908,000 sq yds	11	19	
		HARHURPUR 90,000 sq yds	10	29	
		HARDOI .	15	44	
		Total marches, 4 = 44 m			

Route No. 627(a).
FROM SITAPUR TO HARDOI.
via NIM KHAR.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Oudh District, Lucknow.	By Comd'r of Sitapur, Sitapur, Hardoi, Hardoi	RANKOT .	8	8	See Route 154. A village, supplies procurable, plentiful good water from 3 wells, one on, and the other 150 yds. N E of, C-G, site for which is on the road between Nim Khar and the Gumbi R., country level open and cultivated; road 30 ft wide, neither metalled nor bridged, unfit for wheeled traffic in the rains A small village; supplies procurable, good water, for a batta, from a well on C-G, which is near the road, level and flooded in the rains, country and road as in last stage but first mile of latter metalled, cross the Gumbi (strongly bridged) at about 1 m., at Bargadia Ghat. See Route 148 Country and road as above, cross the Sui R. by a strong bridge at 5 m.
		MISRIKH	7½	15½	
		NIM KHAR 24,200 sq yds	6½	22½	
		BHARAIL .	13	35½	
		HARDOI	11	46½	
		Total marches, 5 = 46½ m			

Route No. 628.
FROM SITAPUR TO LAKHIMPUR.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Oudh District, Lucknow	By Comd'r of Sitapur, Sitapur, Lakhimpur, Lakhimpur	SELAMAO 24,200 sq yds	10	10	A large village, supplies from Sitapur, good water for 2 batts, from a well S of C-G, site for which is in a mango grove R. of road country level, open and cultivated, road unmetalled but mused and bridged, runs parallel to the ry the whole way, at 1½ m a road branches off to Lakhimpur, distant 16½ m A large village, supplies procurable, good water from 2 wells near C-G, which is in 2 fair-sized mango groves, S of the village, where there are other wells country and road as above, latter unfit for artillery in the rains See Route 628 Country and road as above; at about 1 m a road branches off to Kharl.
		OEL p-o r-a.	10	20	
		LAKHIMPUR	8	28	
		Total marches, 3 = 28 m			

Route No. 629.
FROM SITAPUR TO MAINPURI.
 via LODHI AND MENDHIGAT.

405

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
H. O. C. Meerut H. O. C. Meerut H. O. C. Meerut	G. O. C. Oudh District, Lucknow. Deputy Commissioner of Haridol, Haridol.	By Commissioner, Sitapur.			
		RAMKOT . . .	8	8	See Route 151.
		MISRIKH . . .	7½	15½	
		NIM KHAR . . .	6½	22½	See Route 627(a).
		BISSEN. 60,000 sq. yds.	6	28½	
		LODHI 60,000 sq. yds.	10	38½	A small village; supplies procurable; good water, for a battn., from 2 wells on C.G., which is by roadside; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms; cross the Gumti (strongly bridged) at about 1, and pass Jaraiya at 3 m.
		MADHOGANJ . . .	11	49½	
	G. O. C. Oudh District, Lucknow. Deputy Commissioner of Haridol, Haridol.	NATIAMAU . . . 60,000 sq. yds.	6	55½	A small village; supplies procurable; good water, for a battn., from 2 wells on C.G., which is W. of road; water also from the Rai Nadi, about ½ m. distant; country and road as in last stage; pass Alia at 1 m., and cross the ry., near Baghaili r.a., towards end of stage.
		MENDHIGAT . . .	6	61½	
	G. O. C. Oudh District, Lucknow. Deputy Commissioner of Haridol, Haridol.	SARAI MIRAN . . .	6	67½	See Route 412. Country and road as above; cross the Sai R. at about 1½, by ferry (2 boats, each carrying 50 men), pass Bhilawan at 2½, Dharampur at 5, and Ficozpur at 10 m.
		GURSAHAIGANJ . . .	16½	82½	
		CHHIDRAMAU . . .	15	97½	A small village; supplies procurable; good water, for a battn., from 2 wells on C.G., which is by the road, level, but flooded in rainy season; country as above; road unmetalled, and unfit for wheeled traffic during the rains.
		BEWAR . . .	18½	111½	
		MAINPURI . . .	14½	125½	Country and road as in last stage. See Route 418. For other remarks, see Route 204.
		Total marches, 13 = 125½ m.			

Route No 629(a).
FROM SITAPUR TO MAINPURI.
 via MALLANWAN AND MENDHIGAT.

ADMINISTRATIVE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
H. O. C. Meerut H. O. C. Meerut H. O. C. Meerut	G. O. C. Oudh District, Lucknow. Deputy Commissioner of Haridol, Haridol.	By Commissioner, Sitapur.			
		RAMKOT . . .	8	8	See Route 154.
		MISRIKH . . .	7½	15½	
		BENTIGANJ . . .	10½	26½	See Route 416. Country fairly cultivated; road, generally 40 ft. wide, neither metalled nor bridged, flooded and difficult for wheeled traffic in the rains; pass Fatehganj at 2, Bhilawan at 7, and Gaja at 8 m.
		KACHHONA . . .	11	37½	
		MALLANWAN . . .	20	57½	See Route 148. Country as in last stage; road as far as Ghansganj, where a halt might be made, and which is passed just before crossing the Sai Nadi (fordable in dry season), is a cart track, impassable for wheeled traffic during the rains; thence it is raised, bridged, but unmetalled and difficult for carts during the rains.
	G. O. C. Oudh District, Lucknow. Deputy Commissioner of Haridol, Haridol.	MENDHIGAT . . .	10	67½	
		SARAI MIRAN . . .	6	73½	See Route 418. For other remarks, see Route 204.
		GURSAHAIGANJ . . .	16½	89½	
		CHHIDRAMAU . . .	15	103½	See Route 206.
		BEWAR . . .	15½	117½	
		MAINPURI . . .	14½	131½	See Route 16.
		Total marches, 11 = 131½ m.			

Route No. 630.
FROM SITAPUR TO PADNAHA, on the Nepal Frontier.
via LAHARPUR, TAMOUR AND NANPARA.

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Oudh District, Lucknow.	By Officer of Sitapur, Sitapur	KURBELA	7	7	See Route 624(a) For other remarks, see Route 603
		LAHARPUR .	10	17	
		CHANDI	10½	27½	
	Deputy Commr. and officer of Bahraich, Bahraich	TAMOUR	6½	34	See Route 403
		KATARI GHAT	10	44	
		SHEOPUR 68,480 sq yds	10	54	A large village; supplies procurable; good water from 8 wells, one on, and the others near, C G, which is E of road and about 200 yds. W of village country cultivated and wooded, road unmetalled partially raised and bridged but subject to floods in the rains, pass Nilotampur at 6 m
		NANPARA	8½	62½	
	Resident in Nepal, Kumaon	BABAGANJ .	8	70½	Country as in last stage road, 40 ft. wide unmetalled, but partially raised and bridged, pass Bardaha bazar at about 3 and cross the Nigri nullah (strongly bridged) at 6 m.
		BANKI	9	79½	
		MYNAPOKER	14	93½	See Route 70.
		PADNAHA .	14	107½	
		Total marches, 11 = 107½ m			

Route No. 630(a).
FROM SITAPUR TO PADNAHA, on the Nepal Frontier
via BISWAN, CHILARI AND NANPARA.

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow.	By Commr of Sitapur, Sitapur	SARAYIA .	8	8	See Route 624.
		BISWAN .	12½	20½	
		RASULPUR .	11	31½	
	By Commr of Bahraich, Bahraich	CHILARI .	9	40½	A small village, supplies procurable, good water from 7 wells on C G, shady site for which is W of road and near a wheel; country cultivated, road as in last stage, null has dry in dry season, cross the Gogra R. (for ferry see Route 624) in the first mile
		AONRAHI 22,880 sq yds	6	46½	
	By Commr of Bahraich, Bahraich	SHEOPUR .	13½	60½	Country and road as before pass Nahi (p o) at 2, Banpurwa at 3, Banpur at 7 and cross 2 nullahs, one (dry in dry season) at 3, the other (strongly bridged) at 12 m See Route 630.
		NANPARA .	8½	68½	
	Resident in Nepal, Khatmandu	BABAGANJ	8	76½	For other remarks see Route "a."
		BANKI .	9	85½	
		MYNAPOKER	14	99½	See Route 70
		PADNAHA .	14	113½	
		Total marches, 11 = 113½ m			

Route No. 631.
FROM SITAPUR TO PILIBHIT
via AURANGABAD, MOHANDI AND HISALPUR

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Oudh District, Lucknow.	By Officer of Sitapur, Sitapur	MAHOLI .	14½	14½	See Route 250.
		AURANGABAD P.O.	10	24½	
					A large village, supplies procurable, good water from 2 wells near C G small site for which is N of village, country cultivated, road for 6 m raised, metalled and bridged thence unmetalled, and unfit for artillery during the rains; cross the Katon R soon after starting

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Kheri, Lakhnau.	BARWAR . . .	6	80½	A village; supplies procurable; good but limited water from a well near C.G., small site for which is N. of road; country as above; road as in latter part of last stage; cross the Gumti R. towards end of stage, by ford over sandy bed in dry season, by ferry (1 small boat) in the rains.
		MOHAMADI . . .	9	39½	
G. O. C. Rohilund District, Bareilly.	Collector of Pilibhit, Pilibhit.	PAWAYAN . . .	10	49½	See Route 583. Country and road as in last stage. There is an unmetalled track from Sitapur making the following stages:— Sadatnagar 14 m. Kata 9 " " Bikhampur 10 " " Kumbhi 6 " " Mohamadi 8½ " " TOTAL 49½ m.
		BAMRAOLI . . . 81,160 sq. yds.	14	63½	A large village; supplies on notice; good water, for a battn., from a well and tank near C.G., which is close to village; country and road as above, but some nullahs bridged; pass Singapur at about 9½ m. and cross the Kanhaut Nadi (fordable) soon afterwards.
		BISALPUR . . .	11	74½	
		BARKHERA . . .	10	84½	See Route 584.
		PILIBHIT . . .	13	96½	
		Total marches, 9 = 89½ m.			For other remarks, see Route 80.

Route No. 632.
FROM SITAPUR TO SHAHJAHANPUR.
via MAIGALGANJ AND UDEYPUR.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Sitapur, Sitapur.	MAHOLI . . .	14½	14½	See Route 250.
		MAIGALGANJ . . . 400 × 300 yds.	9½	24	
G. O. C. Rohilund District, Bareilly.	Dy. Commr. of Shahjahanpur, Shahjahanpur.	UDEYPUR . . . 400 × 300 yds.	10	34	A large village; supplies procurable; good water, for a battn., from a well on C.G., which is on both sides of road; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms; cross the Katna R. on starting and pass Nandan at 6½ m.
		GOURI . . . 76,800 sq. yds.	10½	44½	
		SHAHJAHANPUR . . .	9½	53½	A small village; supplies must be collected; good water, for a battn., from a well on C.G., which is near road; country and road as in last stage; cross the Gumti R. (by a wooden bridge, unfit for artillery) at 6½ m.
		Total marches, 5 = 53½ m.			A small village; supplies must be collected; good water, for a battn., from a well on C.G., which is S. of and close to road; country cultivated, but interspersed with jungle; road as above; cross the Sukhela near end of stage.
					See Route 92. Country and road as in last stage; cross the Kanhaut at 9 m., by a bridge-of-boats maintained all the year round.

Route No. 632(a).
FROM SITAPUR TO SHAHJAHANPUR.
via KULABAR GHAT AND PIHANI.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Sitapur, Sitapur.	MAHOLI . . .	14½	14½	See Route 250.
		KULABAR GHAT . . .	12	26½	
		PIHANI . . .	6	32½	
		PARA . . .	6	38½	
					A village; supplies procurable; good but limited water from a masonry well on C.G., site for which is W. of road; country and road as in last stage; pass Nizampur at 4 m.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Colr. of Shahjahanpur, Shahjahanpur.	SERAMAU . . .	10½	49	Country and road as in last stage, cross the Sukheta (fordable in dry season) at 4 m. See Route 582. For other remarks, see Route 52.
		SHAHJAHANPUR	10½	59½	
		Total marches, 6 = 59½ m.			

Route No. 633.
FROM SITAPUR TO TULSIPUR.
 via OHILARI AND IKAUNA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Sitapur, Sitapur.	SARATIA . . .	8	8	See Route 624.
		BISWAN . . .	12½	20½	
		RASULPUR . . .	11	31½	
		OHILARI . . .	9	40½	
		SAINGAON . . . 15,100 sq. yds.	10½	50½	
	Dy. Commissioner of Bahmach, Bahmach.	KURASURH . . . 17,920 sq. yds.	11	61½	A village; supplies procurable; good water from 4 wells on C-G., shady and dry site for which is E. of road; country cultivated and wooded; road, raised, but neither metalled nor bridged and liable to floods, very difficult for wheeled traffic during the rains; nullahs fordable in dry weather; cross the Gogra (for ferry, see Route 624) in the first mile, and the Durhis Nadi at about 8 m. A large village, supplies procurable; good water, for a battn., from 3 wells on C-G., site for which is W. of road, country and road as in last stage; cross a nullah at 5 and another at 9 m., the former is dry in dry season, and the latter (fordable) is temporarily bridged. A small village; supplies procurable; good water, for a battn., from 5 wells on C-G., site for which is N. of road, level, but low-lying; country and road as above; nullahs generally fordable; cross the Rarju Nadi (strongly bridged) at 6 m. See Route 233. Country and road as above; cross the Tuhri Nadi at about 5 m., by temporary bridge in dry season, by ferry (8 boats, each carrying 60 men, on notice) in the rains. A very small village; supplies procurable; good but limited water from a well on C-G., which is in a grove of trees W. of road, but half of it is flooded during the rains; country and road as above, pass Samreman at 4 and cross the Tons Nadi (strongly bridged) at 5 m. Country and road as before; pass Khajura at 2, Madana at 4, and enter forest at 7 m. See Route 72.
		NEMUI KHURD . . .	9	70½	
		PIAGPUR . . .	9½	80	
		RANIPUR TILAK . . . 52,680 sq. yds.	7½	87½	
		IKAUNA . . .	8	95½	
		GHUGHALPUR . . .	7	102½	
		BALRAMPUR . . .	7	109½	
		MIRZAPUR . . .	7½	116½	
		TULSIPUR . . .	10½	127½	
		Total marches, 14 = 127½ m.			
	Dy. Commr. of Gorakhpur, Gorakhpur.				

Route No. 634.
FROM SOOREE TO GAYA.
 via RAJNAGAR, DEOGARH, CHAKAI AND WAZIRGANJ.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Positioner District, Fort William.	Colr. of Bishnupur, Bishnupur, Sonauli, Danka, Sonauli.	RAJNAGAR (NAGAR) p-o.	14	14	A village; supplies on notice; plentiful good water from wells, tanks and springs close by, extensive space in fields for C-G., country level, open and well cultivated; road, 18 ft. wide, metalled and bridged, suitable for all arms. A village; supplies on notice, plentiful good water from 2 tanks E. and N.E. of village, S. of which is C-G., country high, open and cultivated; road unmetalled, a mere surface track. A small village; supplies on notice; indifferent water, especially in dry weather, for a battn., from a tank ½ m. W. of road; C-G. E. of village; country and road as in last stage; nullahs unbridged but fordable; cross the Sidh (fordable except for about 6 hours after heavy rain) about half-way, no ferry.
		GURJURI . . . 650 x 480 yds.	8	22	
		CHANDNA . . . 560 x 400 yds.	8	30	

Attractions.		Name of stage and site of country or grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southern Parganas, Jamna.	ASHINA 700 x 300 yds.	8	39	A village; supplies on notice; good water from streams, but indifferent from tanks; streams dry up in hot weather, but water may be obtained a little below the surface of the beds; C-G. S-E. of village; country as before; road, 16 to 20 ft. wide, unmetalled and in bad order; nullahs only difficult after heavy rain.
		UPARBANDHA 350 x 270 yds.	9	47	A village; supplies on notice; good water, for a battn., from tanks on either side of the road, on both sides of which and E. of village is C-G.; country, road and nullahs as in last stage.
		SARATH 250 x 130 yds. p-o.	10	57	A moderate-sized village near the Adjai; supplies on notice; good water from 2 wells on, and a large tank about 220 yds. from C-G., which is W. of village; wells dry up in hot weather, but water may then be obtained from the river; country, road and nullahs as above.
		SARWAN 200 x 200 yds. p-o.	11	68	A good-sized village; supplies easily procurable; good but limited water from a well $\frac{1}{2}$ m. N. of C-G., which is N. of village; country as above; road, 16 to 20 ft. wide, unmetalled but bridged throughout with temporary structures, not capable of bearing artillery; streams fordable except after heavy rain.
		DEOGARH	10	78	Country high, partly cultivated and partly jungle; road and bridges as in last stage; streams generally fordable.
		PUNASI	10	88	
		CHAKAI	10	98	
	Dy. Commr. of Hazratnagar, Hazratnagar.	CHUTRO	11	109	See Route 113.
		KHEERODIH (KHEJUR)	11 $\frac{1}{2}$	120 $\frac{1}{2}$	
		GUMGI	12 $\frac{1}{2}$	132 $\frac{1}{2}$	
		MUNJNEH	10 $\frac{1}{2}$	142 $\frac{1}{2}$	
		GOBINDPUR	10 $\frac{1}{2}$	152 $\frac{1}{2}$	
	Collector of Gaya, Gaya.	NAWADAH	12 $\frac{1}{2}$	165 $\frac{1}{2}$	For other remarks see Route 84.
		HASWA	9	174 $\frac{1}{2}$	
		WAZIRGANJ	12	186 $\frac{1}{2}$	
		FODHIGERA	11	197 $\frac{1}{2}$	
		GAYA	7	204 $\frac{1}{2}$	
		Total distance, 50 m. 50 $\frac{1}{2}$ m.			

Route No. 635.
FROM SOOREE TO JANGIPUR.
at SAINTHIA AND KHARGAON.

Attractions.		Name of stage and site of country or grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bihar, Patna.	SAINTHIA	10	10	See Route 112.
		DELGAON	10 $\frac{1}{2}$	20 $\frac{1}{2}$	
		KULI	9	30 $\frac{1}{2}$	A small village; supplies on notice; good but limited water from tanks 100 yds. N. of C-G., spacious site for which is in fields $\frac{1}{2}$ m. N. of village; country flat and subject to inundation; road metalled, partially bridged for 3 m., remainder unmetalled, but neither metalled nor bridged, though suitable for all arms in dry weather.
		KHARGAON	4 $\frac{1}{2}$	35 $\frac{1}{2}$	A good-sized village; supplies on notice; fairly good water from tanks 200 yds. N.W. of C-G., spacious site for which is $\frac{1}{2}$ m. W. of village; country as above; road, 16 to 20 ft. wide, unmetalled, only partially bridged, but passable by all arms in dry season; cross a stream (fordable in dry weather) at about 3 $\frac{1}{2}$ m. by temporary bridge.
		SIHERPUR	8	43 $\frac{1}{2}$	A small village; supplies must be collected; fair water from tanks 100 yds. N. of C-G., spacious site for which is 200 yds. E. of village; country and road as above; pass a large flood at 5 m.
		PANCHGAON	8	51 $\frac{1}{2}$	A large village; supplies must be collected; fair water from tanks 300 yds. W. of C-G., spacious site for which is in fields 100 yds. E. of village; country liable to inundation; road, 20 to 25 ft. wide, unmetalled, chiefly under water during rains, passable for all arms in dry season; cross the Brahmini stream (fordable in dry season) at 2 $\frac{1}{2}$ m. by temporary bridge, and a large flood (unbridged and difficult in the night) soon afterwards.

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Presidency District Fort Willam	Collector of Narail and Baran	NOADA r.s.	7	57½	A village supplies from Nullahs 8 m distant; good water from tanks in vicinity of G-G, spacious site for which is near road and N E of village country level road 20 ft wide, unmetalled and temporarily bridged but nullahs are generally fordable See Route 106. Country open and cultivated road and nullahs as in last stage From Jangipur a road runs W to Murara r.s., distant about 16 m and the same road continues towards Bhagelpur
		JANGIPUR	13	70½	
		Total marches 8 = 70½ m			

Route No 636.
FROM SOOREE TO MURARAI RAILWAY STATION
via MOLLAPUR AND NALHATI

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Presidency District, Fort Willam.	Collector of Burdwan Sooree	SAINTHIA	10	10	See Route 112.
		MOLLAPUR p-o r.s.	11	21	A large village; supplies on notice; plentiful good water from village tanks and a well in r.s. in fields on both sides of which and about ½ m N E of village is extensive site for G-G country undulating and cultivated road unmetalled but good nullahs always fordable; cross the More R. on start ng by ford in dry season by ferry (1 boat carrying 5 tons) in the rains There is another road to Mollapur which makes the following stages — Muhammad Bara 7 m. Mollapur 13 TOTAL 20 m
		RAMPUR-HAT p-o r.s.	9	30	
		NALHATI p-o r.s.	6½	36½	A village supplies on notice good water from the Brahmani R., on right bank of which and about 1½ m. S of village is site for G-G, country road and nullahs as above.
		MURARAI BY STN	12	48½	
		Total marches 5 = 49½ m.			See Route 116 Country and nullahs as above road 20 ft wide unmetalled bad and unsuitable for artillery; cross the Brahmani on starting by ford in dry season by ferry (1 large boat) in the rains, and the Pagla (fordable except after heavy rain) at 9 m

Route No. 637.
FROM SOOREE TO RANIGANJ

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Excc Deputy District, Fort Will am	Collr of Burdwan, Burdwan Sooree	DUBRAJPUR	18	18	See Route 333
		BAIDYANATHPUR	9	27	
		RANIGANJ	12½	39½	See Route 84 Country fairly cultivated; road tolerably good nullahs only difficult after heavy rain.
		Total marches 3 = 39½ m.			

Route No. 638.
FROM SYLHET TO CHARGOLA
via RATABARI

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Asst. District, Sylhet	Collr of Sylhet, Sylhet	GOLAPGANJ	8	8	See Route 692(a)
		KASIPARA RIVER	14	22	
		KARANGANJ	12	34	

AUTHORITIES.		Name of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Sylhet, Sylhet.	KALIGANJ .	8	42	A village; supplies on notice; indifferent water from a small stream close to C.G., small site for which is S. of bazar; country well cultivated; there is no road, a track is made in the cold season by the Local Board, practicable for cavalry.
		RATABARI . p-o.	8	50	A police stn.; a few supplies procurable; water obtainable; country and road as above.
		OLD CHARGOLA GUARD.	8	58	A village; supplies on notice; fair water from a tank close to bazar, in and near which is small site for C.G.; country and road as above.
		NEW CHARGOLA GUARD.	7	65	A police out-post and stockade; supplies on notice; water procurable; country and road as above.
		Total marches, 7 = 66 m.			

Route No. 639.
FROM SYLHET TO JOWAI.
via JAINTIAPUR.

AUTHORITIES.		Name of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Sylhet, Sylhet.	HARIPUR . 800 x 800 yds. b.	14	14	A small village; supplies from Sylhet; good but limited water from a well; C.G. on cultivated land, dry only from December to March; country level and cultivated; road, 6 to 8 ft. wide, unmetalled, practicable for cavalry; bridges are temporary and will only bear light traffic; cross a stream at end of stage, by ford in dry season, by ferry (1 raft carrying 80 men) in the rains.
		JAINTIAPUR .	12	26	Country level with partial cultivation; road, 8 to 10 ft. wide, unmetalled, partly under water in the rains, practicable for infantry; bridges as above; streams either fordable or crossed by rafts.
		JARAIN .	17	43	See Route 602.
		JOWAI .	11	54	For other remarks see Route 139.
		Total marches, 4 = 54 m.			

Route No. 640.
FROM SYLHET TO KHAMBERGHAT.
via HINGAJIYA.

AUTHORITIES.		Name of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Sylhet, Sylhet.	FENCHUGANJ . p-o. t-a. b.	15	15	A small stn. and steamer ghat on left bank of the Kasiyara; supplies procurable; fair water from the river; space for C.G. close to b., also in paddy fields; country flat and cultivated; road, 10 ft. wide, unmetalled, but practicable for all arms; bridges strong; cross the Barma on starting, and the Kasiyara at end of stage, by ferry of rafts.
		HINGAJIYA .	17	32	A village and police stn.; supplies from Sylhet; plentiful good water from tanks in vicinity of C.G., small site for which is on high, level land near village; country as above; road as before, but only temporarily bridged and practicable for infantry; pass Kajaldhara (p-o. t-a.) at about 14 m.
		ALINAGAR .	10	42	A small place and an old stockade; supplies procurable; plentiful good water from tanks; small space available for C.G. on high, level ground; country cultivated, with jungle; there is no proper road, only a track practicable for infantry.
		KHAMBERGHAT .	7	49	A village with police out-post on the borders of Tipperah and on right bank of the Manu R.; supplies procurable; good water from the river; space available for small C.G. on high, level ground; country cultivated and open; road as in last stage; cross the Manu by ford in dry season, by ferry (10 boats, each carrying 20 men) in the rains.
		Total marches, 4 = 49 m.			

Route No. 640(a).
FROM SYLHET TO KHAMBERGHAT.
via BALAGANJ AND ADAMPUR.

ATTENDANCE		Name of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
Q. O. C. Assam District, Shillong	Deputy Commissioner of Sylhet, Sylhet	BALAGANJ p-o t-s b	18	18	A village with police post and steamer str., on right bank of the Kasiyara supplies procurable, fair water from the river, near which is site (in dry season only) for small C-G country level and cultivated, no road only a cross country path practicable for infantry, cross the Garma on starting by ferry
		RAJNAGAR p-o. b	12	30	A small village with police str. supplies procurable, plentiful good water from a tank close by, site for C-G (in dry season only) in paddy-fields; country and path as above; cross the Kasiyara on starting, by ferry, 10 boats each carrying 20 men
		MUNSHIBAZAR p-o. b	18	48	A village near the Dhulai, supplies procurable fair water from the river - C-G in fields, country and path as above, cross the Manu B en route by ferry 8 boats, each carrying 20 men
		ADAMPUR p-o. b	19	59	A village near the Dhulai; supplies on notice, fair water from the river small site for encamping on high level ground on either side of the road, country and path as above, streams and nullahs temporarily bridged.
		KHAMBERGHAT	10	69	See Route 640 There is no road, only a track but it is fit for riding, passing partly through hilly country
		Total marches, 5 = 66 m			

Route No. 641.
FROM TEZPUR TO AMRATOL, in Bhutan.
via UDALGURI.

413

AUTHORITY.		Name of stage and also of encamping grounds.	Distance.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Aram District, Shillong.	Deputy Commissioner of Darang, Tezpur.	GABHORUGAON .	13	13	See Route 206.
		DHEKIAJULI .	11	24	
		ORANG .	7	31	
		UDALGURI .	14	45	Country, grass-jungle with patches of cultivation; road 13 ft. wide and unmetalled; nullah bridged, but some only with bamboo bridges; cross the Bhola at 4½ and the Dhimiri at 9 m., both by ford in cold season, by ferry (a raft carrying 15 men) in the rains. See Route 276.
		BHATRABHAND .	8	53	
		AMRATOL .	7	60	
		Total marches, 6 = 60 m.			

Route No. 642.
FROM TEZPUR TO KHERKHERIA, on the Bhutan Frontier.
via UDALGURI AND BENGARI.

AUTHORITY.		Name of stage and also of encamping grounds.	Distance.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Aram District, Shillong.	Deputy Commissioner of Darang, Tezpur.	GABHORUGAON .	13	13	See Route 206.
		DHEKIAJULI .	11	24	
		ORANG .	7	31	
		UDALGURI .	14	45	See Route 276. For other remarks see Route 641.
		BENGARI . p-s. l-a. b.	9	54	
		KHERKHERIA 110 x 130 yds.	10	64	
		Total marches, 6 = 64 m.			A village; supplies procurable; abundant good water from the Bhola, on bank of which, and near the church, is site for small C-G.; country flat, with grass for first 4 m., then more open and cultivated; road, 12 ft. wide, unmetalled and practicable for laden mules; nullahs mostly bridged with bamboo, and streams always fordable, except during floods. A small village and tea-garden on the Lakmi Nadi; supplies on notice; good water from the nadi and from reservoirs in the tea-garden; space for C-G. in the garden, near tea-house; country open and cultivated for first 3 m., after that dense grass-jungle; road as in last stage; cross the Bhola, fordable, except after heavy rain, at 3 m. A guard placed at Kherkheria could completely stop the Bhutias entering the plains.

Route No. 643.
FROM TIKAMGARH (TEHRI) TO NOWGONG.
via PALCHRA.

AUTHORITY.		Name of stage and also of encamping grounds.	Distance.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bendaikhand District, Agm.	Political Agent, Bendaikhand, Nowgong.	MAJNA .	12	12	A small village; supplies scarce; plentiful good water from 2 wells near, and from a tank ½ m. from, C-G., site for which is on roadside and close to village; country broken and chiefly jungle; road metalled and fair; pass Lachmanpur at 4½ m.
		JATARA 275 x 200 yds. p-s. b.	12	24	
		PALCHRA .	13	37	A large village on E. edge of a large tank; supplies on notice; good water from a well E. of and close to C-G., which is about 1½ m. S-W. of village; country as above; road fair; nullahs only impassable after very heavy rain. From Jatara a good road runs N. to the town of Man (p-s.) on the Jhansi-Nowgong road, making the following marches— Bamori 10 m. Supplies and good water procurable. Man 9,, TOTAL . 19 m.
		NOWGONG .	10	47	
		Total marches, 4 = 55 m.			A village; supplies on notice; plentiful good water from 2 wells S. of and close to C-G., small site for which is ½ m. W. of village; country as above; road, an indifferent track; cross the Ur nullah (impassable after heavy rain) at about 7 m. See Route 363. Country and road as above; cross the Dhanu (impassable in flood) at 7 m. by a ford about a mile from Garauli, a village on the right bank, or ferry, 1 boat carrying 30 men.

Route No. 643(a).
FROM TIKANGARH (TEHRI) TO NOWGONG.
via ESAUNAGAR

APPROPRIATE		Names of stages and size of encompassing grounds	DISTANCE		REMARKS.
Military.	Civil.		Miles	Total	
G O U Bandakhand District Aggra	Political Agent, Bandakhand, Nowgong	BALDEOGARH	16	16	NOTE.—Route 643 is preferable to this the road being better and shorter and the crossing of the Dhanan easier. See Route 582.
		ESAUNAGAR 280 x 280 yds.	24	39	
		NOWGONG	19	58	A village in Chaklari territory supplies on notice plentiful good water from a well near C-G which is about ½ m S E of village and 200 yds. W of a small nullah country broken and chiefly jungle; road on ill-defined track, bad at any time and impassable for carts during wet weather; pass Chandura (suitable site for encampment here) at 10, cross the Dhanan (impassable after heavy rain) at 10 m by ford in dry weather; there is a small ferry 2 m lower down, but no road to it; cross the Turpur Nadi (impassable after heavy rain) at about 22 m, by a ford, near Rampur village. See Route 369. Country undulating and much broken near water-courses road a country track; pass Bandikalan at 4½, Amkhara at 6½ and Khurra at 8 m.
		Total marches 3 = 66 m			

FROM UMBALLA TO BAHAWALPUR.

via PATIALA, SANGRUR, JALAUT, FAZILKA AND KHAIROPUR.

ACTIVITIES.		Name of stage and site of encamping ground.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	By Commr. of Umballa, Umballa.	MUGHAL-KI-SARAI	10½	10½	See Route 266.
		RAJPURA p-o. t-s. r-s.	6½	17	A small village in Patiala; supplies on notice; good water, for a battn., from wells; land available for C-G. ½ m. S. of r-s; country partially cultivated; road metalled and bridged; pass Shamra at 5, and Mahtabgarh at 6 m.
	Chief Secretary to Punjab Government.	PATIALA p-o. t-s. r-s. b.	16	33	A large town; plentiful supplies; abundant good water from wells; there are two extensive sites available for encamping, situated 2 m. E. and W. of town respectively; country and road as in last stage; pass Tarhaur at 6 and Theri at 18 m.
		BHAUTPURA	12	45	A small village; supplies on notice; plentiful good water from a well and tank; C-G. in adjacent fields; country open and cultivated; road as before; pass Chuharpur at 7½ and Shaikhpur at 8 m.
		BHAWANIGARH p-o.	13	58	A large village; supplies on notice; plentiful good water from wells; C-G. in adjacent fields; country and road as above; pass Rajpura at 7 m.
		SANGRUR	12½	68½	See Route 423. Country and road as before; cross the Chohn R. at 5, pass Ghandun at 6 and Mangawal at 10 m.
		DILANAUZA 145 x 120 yds.	10	81½	A large village; supplies on notice; abundant good water from wells and a tank; C-G. in adjacent fields; country and road as before; pass Bahadurpur at 6 and Kuanran at 8 m.
		ALAKI	15½	97½	A small village in Patiala territory; supplies on notice; abundant good water from wells; C-G. in adjacent fields; country and road as before.
		MEHRAJ	8½	106½	A village; supplies on notice; abundant good water from 4 wells in village; C-G. in adjacent fields; country and road as before; pass Phul at 6 m.
		NATHANA	6½	114½	See Route 370. Country and road as before.
		NEAWALA	11½	126	A village in Faridkot territory; supplies on notice; good water from 2 wells and a tank; C-G. anywhere in vicinity of village; country and road as before; pass Dhillwa at 2½ and Bhokra at 8 m. Goolana (r-s) is ½ m. N. of Neawala.
		KOT-BHAL p-o. b.	13½	139½	A small town; supplies procurable; good water from 2 wells; C-G. in adjacent fields; country as before; road often a mere bridle path unfit for wheeled traffic, and very sandy in places; pass Mithra at 4 and Bisyana at 9 m. There is another road from Nathana which makes the following stages:— Bhatinda . . . 18½ m. Kot-Bhal . . . 14 „ TOTAL . . . 27½ m.
G. O. C. Lahore District, Meeran Meer.	By Commr. of Ferozepore, Ferozepore.	MALAUT	18	162½	See Route 261. Country cultivated; road as before; pass Butar at 2, and Barania at 6 m.
		ARNIWALA	16	168½	See Route 620(a).
	Political Agent at Bahawalpur.	FAZILKA	14	162½	For other remarks see Route 620(a).
		HASIL SARU	12½	165	
		McLEODGANJ	11	206	
		MINGHINABAD	10	216	
		CHAKUKA	10	226	
		JHULAN	10	236	
		SADIKPUR	13½	249½	See Route 254.
		NANTHA JHEDU	13½	263	
		SHAHIR-FARID	9	272	
		HASILPUR	13	285	
Bahawalpur Territory.	Political Agent at Bahawalpur.	KATIMPUR	8	293	
		KHAIROPUR	12½	305½	
		BRIDGE No. 1	17	322½	
		BAHAWALPUR	20½	343½	For other remarks see Route 122.
		Total marches, 29 =		342½ m.	

Route No. 645
FROM UMBALLA TO DAGSHAI
via KALKA AND THE NEW ROAD

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Sarhind District, Umballa.	Dy Commr of Simla, Shola	From the Church to LALRU 305 x 860 yds p-o r-a b	11½	11½	A village in Patiala territory, supplies procurable, water (not very good) from a well, from a well on O-G, which is E of the road opposite to, and ½ m. from, r-a country level open and cultivated road metalled bridged throughout, 40 ft. wide passable for all arms leaves the Grand Trunk Road at 2½ m. Nakra at 4, Tharumarra at 0½ and Saranj at 7½ m.
		MUBARAKPUR 600 x 800 yds. p-o r-a b	9½	21½	A village on left bank of the Ghaggar, supplies procurable; good water for a well, from 2 wells on O-G which is W of road and close to r-a country and road as above pass Doppur at 2, Gonalpur at 5 and Basal at 7½ m.
		CHANDIGARH	10½	32½	Country low-lying sometimes inundated, road as in previous stages; the Ghaggar is crossed shortly after leaving Mubarakpur fordable except after heavy rain; the bridge over the river could always be used by infantry and laden animals; pass Kundt at 4, Mhalpur at 5, and Sunjpur at 8 m. See Route 331
		KALKA	7½	80½	
		DHARMPUR	16½	97½	
		DAGSHAI	4½	102½	See Route 387
		Total marches, 6 = 60½ m.			Leave the Simla road at 2 m. and ascend by easy gradients to Dagshai

Route No. 645(a).
FROM UMBALLA TO DAGSHAI,
via NAHAN

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Sarhind District, Umballa.	Dy Commr of Umballa, Umballa.	PUTWI 13 880 sq yds.	9	9	A small village, supplies on notice; good, but limited water from 2 wells just outside village and near O-G, which is E of village and N of road, on a plot of land belonging to zamindars, country open and cultivated road 30 to 40 ft wide, partly metalled as far as Handwa, 7 m. rema water unmetalled heavy and sandy, passable throughout for all arms; cross the Tangri and Bhilli nullahs by ford both are dangerous during and for some time after the rains on account of sudden floods and quicksands; pass Tanalla at 1, Hullahara at 2½ and Chyju Majra at 7 m.
		NARAINGARH	13	22	See Route 410
		NAHAN	13	35	Country as above, road 30 to 40 ft wide, unmetalled and unbridged, sandy and heavy across nullahs latter being unfordable after heavy rain on account of quicksands pass Shahjadar at 7 and Basal at 10½ m.
		BONITI	8	43	Country as before road unmetalled but passable for all arms just before reaching Kala Am (4½ m) there is a steep ascent, thence a gradual ascent to Nahar, pass Sungra at 3 and Naugal at 0½ m.; nullahs and streams are fordable except when in flood. See Route 407
		SURAN	8	51	
		NAINA	8	59	
		DAGSHAI	8	67	For other remarks see Route 387
		Total marches 7 = 67 m.			

Route No. 646
FROM UMBALLA TO DHARMSALA
via RUPAR, BILASPUR, SUKET AND BAIJNATH

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Sarhind District Umballa	Deputy Commissioner of Umballa Umballa.	BANUR p-o.	15½	15½	A large village in Patiala territory supplies on notice; abundant good water from 2 wells in village and (for animals) from a canal, O-G anywhere near village and of unmetalled size country open, level and cultivated, the Grand Trunk Road is left shortly after crossing the Ghaggar (bridged) at 7 m, thence the road is unmetalled but bridged and fit for all arms; pass Baggar at 8 and Ghagayra at 18½ m.
		KHARAR	14	29½	
		KURALI	7½	37½	
		RUPAR	9½	46½	
					Country as before, road as in latter portion of last stage, cross the Raitall stream at 10 m. impossible after heavy rain See Route 331.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Sirhind, Simla.	JUGATKHANA . . .	8½	25	See Route 331(a).
		KUNDULU . . . 95,000 sq. yds.	11	66	A small village; supplies on notice; abundant good water from a well, two springs and a tank; C-G. on roadside near village; country hilly and partially cultivated; road unmetalled, 15 ft. wide, nullahs unbridged, difficult in rains.
		SUHAH GHAT . . . 24,000 sq. yds.	7	73	A few huts; supplies must be collected; good water, for a battn., from a pond and stream; C-G. on cultivated land E. of the huts; country hilly and jungly; road as before.
		BILASPUR . . .	8	81	See Route 310.
		DIHUR . . .	11	92	Road as before; crosses the Ghumber (fordable) at 4 m.; the road then follows the left bank of the Sutlej.
		SUKET . . . P.C.	11	103	A village in Suket territory, on right bank of the Sutlej; good water from the river, on bank of which is small C-G.; country and road as before; the Sutlej is crossed at end of march by ferry, 2 boats carrying 50 men each.
		MANDI . . .	18	116	A small town; supplies procurable; abundant good water from a well and streams; extensive C-G. on cultivated land round village; country and road as before, latter bad in places and liable to land-slips.
		DBANG . . .	11	127	A town on left bank of the Beas at its junction with the Suket stream; supplies on notice; good water from the rivers; site for extensive C-G. E. of town, and separated from latter by a valley which is crossed by a suspension bridge; country and road as before; the Suket stream (fordable) is crossed at 5 and 9 m.
		ARLA . . .	18	140	A village; supplies procurable; abundant good water from a water-course, supplied by a spring 2 m. distant; land available for C-G. near village; country and road as before, gradients of latter are easy and nullahs bridged.
		DHELU . . .	13	153	A few huts; supplies scarce; abundant good water from a stream; C-G. of limited area on small fields; country and road as before, latter almost level.
G. O. C. Lahore District, Meen Meer.	Deputy Commissioner of Kangra, Dharmasala.	BALWATH . . .	10½	163½	Country and road as before, latter narrow in places and liable to land-slips.
		FALAMPUR . . .	9	172½	See Route 610(e).
		DADH . . .	9	181½	For other remarks see Route 610.
		LOWER DHARMSALA . . .	10½	192	For other remarks see Route 610.
		UPPER DHARMSALA . . .	5½	197½	See Route 322.
		Total marches, 19 =		197½ m.	

Route No. 647.
FROM UMBALLA TO FERROZPORE.
 via PATIALA, NABHA, MALER-KOTLA AND BHUDNI-KALAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dy. Commr. of Sirhind, Umballa.	MUGHAL-KI-SARAI . . .	10½	10½	See Route 266.
		RAJPURA . . .	6½	17	See Route 644.
		PATIALA . . .	15	32	
		NABHA . . .	16	48	Country level, open and fairly cultivated; road indifferent, bad in the rains.
		AMARGARH . . .	11	59	
		MALER-KOTLA . . .	10	69	See Route 323.
		BHURWALI . . .	10	79	A fair-sized village in Nabha; supplies on notice; good water, for a battn., from 2 wells, one S. and the other W. of C-G., extensive site for which is on cultivated land about 400 yds. N-W. of village; country generally open and cultivated; road, 20 ft. wide, unmetalled, sandy in parts, but passable for all arms.
		BASSIAN . . . P.C.	12	91	A moderate-sized village; supplies procurable; plentiful good water from wells in vicinity; open site near village available for C-G.; country open and cultivated; road good, but sandy in places; pass Kulshan at 4 and Rakot at 9 m.
		BHUDNI-KALAN . . .	15	106	See Route 384.
		BAGHAPARANA . . .	11	117	Country rather barren; road fair, but heavy in places.
G. O. C. Lahore District, Meen Meer.	Dy. Commr. of Sirhind, Meen Meer.	MOODKEE . . .	14	131	See Route 256.
		MISRIWALA . . .	9½	140½	
		FERROZPORE . . .	10	150½	For other remarks see Route 47.
		Total marches, 13 =		150½ m.	

Route No. 648.
FROM UMBALLA TO HISSAR.
 via KAITHAL AND BARWALA.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles.	Total.	
G O C Sahind District, Umballa.	Deputy Commissioner of Karnal, Karnal.	BEROWLI 232 320 sq yds	11	11	A fair-sized village; supplies with notice good water, for 4 battn, from a well about 470 yds S E. of village. W of which is site for C G. Country level, jungly in parts with cultivation here and there; road unsuitable for all arms.
		ISMAILABAD	9	20	A small village, supplies on notice, good water, for a battn, from a well N E of C G, extensive site for which is E of village; there is also a large space W of village; country and road as above
		PIHEWA	12	32	See Route 381(a)
		KAITHAL	16	43	Country as above; road bad and generally impassable in wet weather from the Sutlati (sometimes unfordable in the rains) towards end of stage
		KILLAYAT	14	63	See Route 381.
		NARWANA	10	73	Country and road as in last stage, pass Ujana at 12½ m
		DANAUDA	9	81	A small village, supplies on notice; good water, for a battn, from wells, round village available for encampment, country level, in culti- vation; road as above.
		BARWALA	14	95	See Route 256(a) Country level and fairly cultivated, road unmetalled, good, except after rain.
	By Commr of Hissar, Hissar.		HISSAR	17½	112½	For other remarks see Route 121
		Total marches, 9 = 112½ m			

Route No. 649.
FROM UMBALLA TO JUTOGH.
 via KALKA AND THE NEW ROAD

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles.	Total.	
G O C Sirhind District, Umballa.	By Order of Deputy Commissioner of Simla, Sivala, Umballa.	LALRU .	11½	11½	See Route 645
		MUBARAKPUR .	9½	21½	
		CHANDIGARH .	10½	31½	
		KALKA .	7½	39½	For other remarks see Route 615.
		DHARMPUR .	15½	54½	
		SOLAN . . .	12½	67½	
		KHAIRI GHAT .	13½	80½	See Route 381
		JUTOGH .	10	90½	
		Total marches, 8 = 96½ m.			

Route No. 650.
FROM UMBALLA TO KASAUJI
 via KALKA AND THE NEW ROAD

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS.
Military	Civil		Miles	Total.	
G O C Sirhind District, Umballa.	By Order of Umballa, Umballa.	LALRU	11½	11½	See Route 645
		MUBARAKPUR	9½	21½	
		CHANDIGARH	10½	31½		For other remarks see Route 645.
		KALKA	7½	39½	See Route 331
		DHARMPUR	15½	54½	
		KASAUJI	7	61½	See Route 378 For other remarks see Route 615
		Total marches, 5 = 61½ m			

Route No. 651.
FROM UMBALLA TO LANDOUR.
via BILASPUR AND DEHRA-DUN.

419

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Umballa, Umballa.	From the Church to MULANA 400 x 400 yds. p-o. b.	18½	18½	A village; supplies procurable; abundant good water from 5 wells; C-G. S-W. of village; country open, level and well cultivated; road neither metalled nor bridged, very heavy in places, but fit for all arms; several nullahs are crossed which would be impassable after heavy rain; cross the Tangri at 1½, pass Chakana at 2½, cross the Umar at 4½ and the Begon at 12 m. Country as before; road a more track and unfit for wheeled traffic; cross the Markanda at 1½ m. and the Surgati at end of march, both fordable. See Route 410.
		BILASPUR . . .	15	28½	
		KHIZARABAD . . .	12½	41	
		KALISAR . . .	8½	49½	
G. O. C. Meerut District, Meerut.	Superintendent of Dehra- Dun, Dehra-Dun.	RAMPUR-MANDI . . .	13½	63½	For other remarks see Route 410.
		SAHSPUR . . .	10	73½	See Route 407.
		JHAJRA . . .	7½	80½	For other remarks see Route 407.
		DEHRA-DUN . . .	8½	89½	
		RAJPUR . . .	8	97½	See Route 40(a).
		LANDOUR . . .	8	105½	For other remarks see Route 40.
		Total marches, 10 = 108½ m.			

Route No. 652.
FROM UMBALLA TO LUDHIANA.
via PATIALA AND ISRU.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Umballa, Umballa.	MUGHAL-KI-SARAI	10½	10½	NOTE.—For a much better route, see the Grand Trunk Road, No. 266. See Route 266.
		RAJPURA . . .	6½	17		} See Route 644.
		PATIALA . . .	18	35	
		MANDAWAR . . .	10	45	
		Chief Secretary to Punjab Government.	HEADSON 410 x 130 yds. p-o.	8	50	A village in Patiala; supplies and fodder on notice; good water, for a battn., from wells; plenty of space for C-G. near village; country level, open and fairly cultivated; road, about 12 ft. wide, unmetalled, but raised and bridged; cross the Cheys Nadi (generally fordable) during the last half of the stage.
ISRU . . . 81,480 sq. yds.	14		64	A village in Nabha territory; supplies on notice; good water, for about 2 battns., from 4 wells near O-G., site for which is 300 yds. N. of village, and is connected with Nabha r-a. by a metalled road; country as above; road, a 12-ft. kutchra track, but practicable for wheeled traffic; pass Ajnanda at 3 and Natora at about 6 m.	
DORANA . . .	10½		74½	A village; supplies on notice; good water from 5 wells E. of site for C-G., which is on waste land W. of village; country open and partly cultivated; road about 25 ft. wide, unmetalled and bad in parts, but passable for cavalry. Country tolerably well cultivated; road as in last stage. See Route 266.	
LUDHIANA . . .	18		92½		
Total marches, 8 = 87½ m.					

Route No. 653.
FROM UMBALLA TO ROHTAK.
via KATHRAL AND JHIND.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Karnal, Karnal.	BEROWLI . . .	11	11	See Route 648. For other remarks see Route 261(a). For other remarks see Route 261.
		ISMAILABAD . . .	9	20	
		PIHEWA . . .	12	32	
		KATHRAL . . .	16	48	

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Sirhind Dis- trict, Unallah	By Commr. of Karnal, Government	KATHANA	17	65	A small village, supplies on notice plentiful good water from a well, and (for animals) from a tank near G-G extensive site for which is N-W of village, there is also a large space on both sides of the road; country open, level and partially cultivated road average width about 80 ft., unmetalled, but passable for all arms, canals bridged, pass Kasan at 11 m
		JHIND	17	82		See Route 200(a) Country partially cultivated, but chiefly covered with jungle road as above.
		JULANA	14½	96½	See Route 200
		GHIRI	11	107½		For other remarks see Route 191
		ROHTAK	11½	118½	
		Total marches, 9 = 110½ m			

Route No. 654.
FROM UNBALLA TO SIRSA.
and PATIALA AND BUDLADAH

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C Sirhind District, Umballa.	By Commr. of Umballa.	MUGHAL KI SARAI	10½	10½	See Route 206
		RAJPURA	6½	17	See Route 641
		PATIALA	16	33	
		BHAYDPURA	13	46	
		BHAWANIGARH	12	58	
	Chief Secretary to Punjab Government	MAHLAN	12	70	A village in Jund territory, supplies on notice, abundant good water from a stream, fields available for C-G, country open and partly cultivated, road, about 30 ft. wide, raised and metalled, pass Garschen, on the Karnal Feroze pore road, at about 6½ m. From Mahlan a metalled road runs N to Dindri r., distant 14 m.
		JAKATWAL	12½	82½	A village in Patiala territory; supplies and fodder on notice, plentiful good water from wells and a tank, near which is suitable land for encampment; country and road as above; nearest p-o is Sonam about 5 m distant.
		BUDLADAH	18½	94	A large village; supplies on notice, good water for a battn, from 3 wells, one W of, the other two N of, village, in fields round which is ample space for encampment, country open, sandy, slightly undulating and partially cultivated; road unmetalled, but passable for all arms
		JUHUNJAR 154,340 sq. yds.	16	110	A small village supplies on notice; brackish water from a well (diameter 9 ft depth of water 5 ft.) and tank near village, 400 yds. W of which is flat land suitable for C-G, country flat, open and sandy road 9 ft wide, unmetalled heavy in places, but passable for all arms; canal distributaries strongly bridged pass Baha at about 7 and Nandgarh at 22 m
		DUDHAL	10½	120½	A large village, supplies on notice, good water for a battn, from wells in and near village ample space in surrounding fields for C-G; country and road as in last stage pass Fatta at about 2½ m.
	By Commr. of Hissar, Hissar	SIRSA	16½	137	See Route 201 Country and road as above
Total marches, 11 = 137 m					

Route No. 556.
FROM UMBALLA TO SUBATHU.
via KALKA AND THE NEW ROAD.

421

ACCOMMODATION.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Simla District, Umballa.	By Commr. of Umballa, Umballa.	LALRU . . .	11½	11½	See Route 645.
		MUBARAKPUR . . .	9½	21½	
		CHANDIGARH . . .	10½	32½	For other remarks see Route 645.
		KALKA . . .	7½	30½	See Route 331.
		DHARMPUR . . .	16½	51½	
		SUBATHU . . .	10½	66½	See Route 172.
		Total marches, 6 = 63½ m.			

Route No. 656.
FROM WAZIRABAD TO PASRUR.

ACCOMMODATION.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Simla District.	KUNDAN SEAN 650 x 400 yds. P.O.	0	0	A large village; supplies on notice; plentiful good water from 3 wells in vicinity of C-G., which is 1 m. beyond village; country flat and cultivated; road, 36 ft. wide, unmetalled, but good, though liable to be flooded in wet weather; cross a nullah at 8½, by an Irish bridge, and pass Sindhawala at 7 m.
		DASKA . . .	8	17	See Route 453(a). Country and road as before; pass Bambawal at 8½ m.
		KOTLI PARIK CHAND. 270 x 270 yds. P.O.	11	28	A village; supplies on notice; plentiful good water from 2 wells close to C-G. which is near village; country as before; road unmetalled and rough but bridged and practicable for all arms.
		PASRUR . . .	7½	35½	See Route 61. Country and road as before; pass Kala Chak at 3 m.
		Total marches, 4 = 53½ m.			

ALPHABETICAL INDEX

OF

STAGES

AND

THE NUMBERS OF THE ROUTES IN WHICH THEY OCCUR.

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Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
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CHANDIL . . .	451	CHATTAR . . .	41	CHINIGOT . . .	209, 450, 600
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		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KADAKHANA	511(b)
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KADARPORE RAO . .	258, 253(a), 481(a).
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KADIMI	481, 481(a)
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KADIBGANJ	337(a)
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KADOWALI, soo HADOWALI
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KACHROLE	18(a)
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KACHAN	2
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KACHAI	607
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KACHA	429, 429(a), 429(b).
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KACH	637
		JHAWARIAN . . .	7(a), 302, 361, 361(a), 462(a), 560.	KACHA	308(a), 302, 002(d).

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<i>K—contd.</i>					
KAILANG . . .	618, 618(b)	KAILA PRASAD . . .	165(a)	KANTADH . . .	543
KAILM . . .	481, 481(a)	KAILAN . . .	603(c)	KANTAKOS . . .	538
KAIMOANS . . .	245(c)	KAILAR-KAHAR . . .	298, 446, 500(a)	KANTAPARA . . .	76
KAIMPUR . . .	264, 644, 620(a)	KAILURKOT . . .	568, 596(a)	KANTI . . .	579
KAINUR . . .	40, 40(a), 558	KALNA . . .	180, 181	KANTONAGAR . . .	338
KAIRONG . . .	804	KALSI . . .	76, 77, 144(b), 144(c), 149, 163, 162(a), 880, 880(a), 555	KANUA . . .	18(a), 18(a), 21(a), 23, 335, 323
KAITAMANI . . .	394	KALSI . . .	505, 505(a)	KANWA GHAT, see NATPUR	
KAITHAL . . .	881, 648, 653	KALSI . . .	505	KAOPIK . . .	140
KAJA . . .	613(a), 613(b)	KALUWAL . . .	100(a)	KAKOT . . .	554
KAJIAR . . .	174	KANA . . .	503(a)	KATPAI . . .	548
KATUBI . . .	571, 571(a)	KANALIA . . .	349, 476	KATTANGANS . . .	300(a)
KAKAZAN . . .	205, 208, 598	KANARARA . . .	403	KAPURTHALA . . .	376
KAKARATI . . .	364(a), 364(b)	KANARIA . . .	365	KARAGOLA . . .	118
KAKASHATTI . . .	331(a), 378, 428(a), 429(b), 606, 615(a)	KANARASHATTI . . .	4, 60, 141, 208, 358, 445	KARALI . . .	29(c)
KAKHI GOROH . . .	196	KANASHIN . . .	29(b)	KARAMGARH . . .	423
KAKIGHAT . . .	43	KANBALA . . .	480	KARANTI . . .	396(a)
KAKODANGA RIVER . . .	208	KANKERA . . .	578	KARANWAN . . .	10, 617
KAKSALA . . .	287(a), 216	KANORE . . .	280, 415, 458, 458(a)	KARAOH . . .	610(a)
KALA . . .	199(a), 884, 427, 632	KANORA DHAMORA . . .	88	KARAPUR . . .	508
KALABAGH . . .	4, 60, 141, 208, 362(a), 358, 415, 588(a)	KANOUZI . . .	216, 321	KARARI . . .	478
KALA BARRA . . .	871, 374	KANPIL . . .	245(c)	KARAVLI . . .	18, 18(a), 18(b), 18(c), 16(d)
KALADHUNGI . . .	483, 489	KANPUR . . .	863	KARCHA . . .	613(b)
KALAGARIH . . .	314	KANTAUL . . .	231, 377	KARCHA . . .	33(a), 34(a)
KALAH . . .	373	KANAWAN . . .	50(b)	KARELI . . .	365
KALANAUH . . .	49(a), 310	KANAT GHAT . . .	582	KARSI RAILWAY STATION	570
KALAPAHAR . . .	620	KANAIPUR . . .	242, 347	KARSI . . .	356, 350(a)
KALAUD (KOLADA) . . .	324	KANA KACHA . . .	446	KARSI . . .	578
KALAYKAT . . .	430	KANAUL . . .	500	KARGAPUR . . .	520
KALIAGANS . . .	210	KANAVLI BAKAR . . .	173	KARSI . . .	613(b)
KALIANPUR . . .	147, 220, 226, 271, 289, 575	KANOHANPUR . . .	574	KARSI . . .	614(a)
KALIDOHAR GHAT . . .	512	KANDA . . .	8	KARSI . . .	592(a), 639
KALIGANS . . .	848, 638	KANDARA . . .	401	KARSI . . .	109
KALIMPHORA . . .	605	KANDI . . .	202	KARSI . . .	253
KALINJAR . . .	516	KANDILA . . .	440(a)	KARSI . . .	129
KALINPON . . .	185, 380(a), 185(a)	KANGAN . . .	614(a)	KARSI . . .	301, 360
KALIPUR . . .	159, 160	KANGAL . . .	187(a)	KARSI . . .	639
KALIR BAKAR . . .	170	KANGRA (BROWN) . . .	820, 320(a), 372, 610(a), 610(b)	KARSI . . .	269
KALISAR . . .	410, 851	KANJAN . . .	568, 588(a)	KARSI . . .	484
KALKA . . .	381, 378, 410, 429, 459, 610(b), 615, 649, 650, 655	KANJIA . . .	405	KARSI . . .	300, 381, 361(a), 382, 383, 384, 385, 386, 455
		KANJIAKURA . . .	83	KARSI . . .	199, 490, 507
		KANNAKDE . . .	527(a), 537	KARSI . . .	119
		KANERAD . . .	495, 502(a)	KARSI . . .	237
		KANT . . .	249	KARSI . . .	569(a), 671, 671(a), 673

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<i>K—contd.</i>		KATTA	523	KHAMBA	106, 106(a), 110
		KATTA	55, 129, 401	KHAMTAIDONG	595
		KAUZEN HANDEY	181	KHANDAGHOSH	282
		KATTA SHAH	257, 258, 300, 301, 560, 451, 451(a), 478(a).	KHANDAYI	0, 12, 602
KATADITE	60, 377			KHANDITAR	75
KADWI	78	KAKRIAGALLA	10, 40(b), 500, 553.	KHANDAR-DOGRAN	301, 360, 450, 452.
KAFAN	168(d)	KAWA	537	KHANDARI	508
KASACU	378, 387, 388, 612, 650.	KAWAI	2	KHANNA	146, 150, 200
KASDANG	12, 24, 237, 218(a), 217(b), 216(c).	KAWAN FERRY	379	KHANTUB	232, 556(a)
KATKA	161	KASHIPI (FACHINAGAR)	294(a), 235, 206	KHANNAKA	588(a)
KASHITE	91(a), 912(a), 458.	KELARAS	211, 191	KHATRAIL	336, 434, 650
KAYA	221(a), 224, 226.	KENDICOTRI	604	KHARABADHA	533
KAYATARI	575(a), 510	KENDULI	120	KHARAGUHA	114, 114(a), 472
KAYMATAD	573	KRONJHAR	155(a)	KHARAGUR	481
KASHIARA RIVER	522(a), 525	KRODAMA	182(a)	KHARAR	331, 378, 420, 810.
KATTA	229, 446	KRAMPANI	603	KHARAT	614(a)
KATANGI	150, 364, 364(a), 364.	KRONJIA	183(a)	KHARDOAN	635
KATAKI GHAT	472, 621(a), 620.	KROWA	561(a)	KHAROHORIA PUKRI	601
KATAMAL	45	KUALIA	576	KHARIAL	426
KATAPTE	276, 370	KUSHICH	182	KHARILAN	266
KATODRA	513	KUSHON	292	KHARKHAPDA	20
KATKA	500(a), 559	KHADI	331(a), 429(a), 429(b), 600.	KHARE (FORT MURDO)	196
KATHAI	8	KHAPEI	225	KHAREI	480(a)
KATHALA	245	KHAGOLA	469	KHARALI	408
KATHALA-MIRAI	238, 445, 452(a)	KHAGA RAILWAY STATION	273	KHARSWAN	232(a)
KATHANA	653	KHAILED	352, 355	KHARWIN	2
KATHAVED	522	KHAIRAFAD	265, 495	KHATAULI	456, 438, 459, 460.
KATHCHANGAL	35, 50(1)	KHAIRATKE	133, 267	KHATI	654
KATHWAI	7, 143, 259 552(a).	KHAIRI GHAT	381, 410, 429, 430, 608, 610(b), 612, 615, 610.	KHETCH, see KHERODIN	
KATIDAR (HIGRA FAIR- GANG).	437	KHAIRKA	43	KHILANATI	212
KATKUND	200, 341, 342	KHAIRNAGAR	77	KHUKKARAN	47
KATIMADA	343	KHAIRICE	261, 620(a), 614	KHUBA	389
KATKANWAN	650(a)	KHAIRI KHIL	231, 231(b), 235	KHUBARI HAT	161, 165
KATLANG	411	KHAJOLI	180	KHUBE	613(a)
KATLSCHITKA	137, 138	KHAJURA	20	KHUBI	331, 378, 429
KATMANDU, 1st STAL . . . . .	.....	KHAJURA	80, 260, 316	KHEDDERIA	643
KATOSHAN	20, 20, 252(a), 232(b), 260, 310.	KHAJURI	262	KHEDODIN (KHETCH)	112, 531
KATOKA	273	KHAJURI KACH	201	KHETSI	114
KATRA	423, 475	KHAKT	1(a)	KHETI MACHI	600
KATRAIF	610, 614	KHALIABAD	271, 280, 297	KHETI MACHI	126
KATRA MUMALI	33, 33(a), 37, 495.	KHALA	381, 427, 622	KHETI MACHI	217, 231
		KHALI	613(b)	KHETI MACHI	678
		KHAWAND	429, 429(a)	KHETI MACHI	503
		KHANDE GHAT	610, 610(a)	KHETI MACHI	520
				KHETI MACHI	290, 450, 600

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<i>K—contd.</i>					
KHILANABAD . . .	410, 661	KHISTWAR . . .	200, 300, 602(a), 614	KOTIANARA . . .	883, 623
KHODAGANJ . . .	77, 147	KITCHI . . .	7, 143, 600(b), 688	KOT-JAI SHAH . . .	331
KHONAR . . .	360, 361	KIUNGOLUNG . . .	46	KOT LEE KHAN . . .	384
KHOJA CHAK FREEDY . . .	601	KIWAB . . .	618(a) 613(b)	KOT KAFURA . . .	291(a), 622
KHONSONG . . .	199	KHILAGANJ . . .	340, 550	KOT KASHI . . .	186(a) 561
KHOJA . . .	364(b)	KOCHANG . . .	322	KOTLA . . .	201(a) 201(b)
KHONEDHAR . . .	31	KOCHUGADY . . .	337	KOTLA . . .	176, 176(a) 206, 207(a), 207(b), 207(c), 207(d)
KHONNU . . .	613(a)	KOTLA . . .	881(a), 588, 584	KOTLA . . .	592, 492
KHUNDO . . .	10, 16(a)	KOHALA . . .	497, 499	KOTLA FARUK CHAND . . .	656
KHUNARA . . .	574	KOHARI . . .	618	KOT-MANTAL . . .	536
KHUNTI . . .	229	KOHAT . . .	5, 61, 143, 350, 359(a), 359(b), 390, 391, 392, 397, 527(a), 540, 540(a), 540(b), 588, 589(a)	KOT MYRID . . .	831
KHUNTHANI . . .	165, 222	KOKIMA . . .	208, 203, 391, 326, 695	KOT PINDI DASH . . .	462(a)
KHUSCHUTA . . .	476	KOMERHAR . . .	29, 29(a), 29(b), 30, 30(a), 269	KOTRA . . .	363, 521, 521(a), 522
KHUNHARD . . .	78	KOLWAR . . .	8, 216	KOTUUNG . . .	262, 266, 247
KHUESA . . .	25, 26, 27(a), 296	KOLAR . . .	613, 613(b), 614	KOT RUM, see RUM KATHUL . . .	
KHUSHAD . . .	7, 143, 367, 390, 500(b), 550, 588(a), 587, 588(a), 589	KOLA . . .	266	KOT SHAKIN . . .	539
KHUSHALGADY . . .	5, 142, 350(a), 618	KOLABIRA . . .	227	KOT-SULTAN . . .	199, 480, 507
KHUTHI . . .	199(b)	KOLADA, see KALAUD . . .		KOT THAGA KHAN . . .	190(b), 233, 236
KHUTIMARI . . .	883(a), 536(a)	KOLAR . . .	407	KOTWA . . .	176
KHANGCHU . . .	618	KOLARAS . . .	19	KOTO . . .	468
KICHANA . . .	91(a), 487	KOLOSIN . . .	187(a)	KRIMCHI . . .	602(a)
KIGWEMA . . .	394	KONCH . . .	54	KRIMKAGANI . . .	399
KILA DIDAR SINGH . . .	299, 445	KONOR . . .	177	KRISHNAGAR . . .	131, 204, 396, 397, 398, 399, 400, 401
KILAR . . .	614	KONANGA . . .	461(a)	KRISHNAI . . .	164, 205, 279
KILANKI . . .	298	KONDANA . . .	108(a)	KUAN . . .	574
KILAYAT . . .	648	KORANDA . . .	235	KUCHPASA . . .	115
KILING . . .	618	KORONGMA . . .	189	KUCHUT . . .	180, 181
KILIKASA . . .	295	KOSI . . .	501	KUDHARA . . .	187(a)
KIMOLI . . .	500	KOT . . .	610(a) 613	KUTRANI . . .	176
KIM . . .	616	KOT-ADU . . .	109, 490, 507	KUKUDA . . .	165
KIMANIPANI . . .	606	KOTAN . . .	292, 486	KULABAR GHAT . . .	250, 632(a)
KJAHAVLI . . .	411, 415, 423	KOTA KI SARAI . . .	17, 498	KULACHI . . .	198
KINMA . . .	613(a)	KOTALPUR . . .	262(a)	KULAKHEDI . . .	673
KIOTO . . .	613(b)	KOTAM . . .	226	KULARAN . . .	881(a), 884
KIRARA . . .	615	KOT BAKRYD . . .	281(a), 370, 622	KULI . . .	536
KIRATPUR . . .	121	KOT BHAI . . .	641	KULIMARA . . .	227
KIRI SHAHMOZLI . . .	196(b), 333, 286	KOT CHUTTA . . .	197, 197(b)	KULONA . . .	330(a)
KIRARGANJ . . .	618	KOTEDWAR . . .	121, 563, 563(a)	KULUOGWAL . . .	599, 602(d)
KISHANGANJ . . .	211(a), 389	KOTGA . . .	400(b)	KULPANAR . . .	380(a)
KISEANTUR . . .	70, 71	KOTGAH (THANARAH) . . .	610(a), 611, 615, 612(a), 612(b), 614	KULU, see SULTANPUR . . .	
KISHENAGAR . . .	299	KOT (GUDRA) . . .	678	KUMARGAON . . .	38(a)
KISHINI . . .	247			KUMARNATH . . .	610, 610(a)
				KUMATYHARI . . .	109, 348

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		KUTHAVND . . .	354, 622	LAKRAM . . .	163
		KUTHIALA-SHEKHAN . . .	268, 445, 452(a)	LAKSHY . . .	452
	610(c), 613	KUTMANWAR . . .	594(a)	LALA BAZAR . . .	137, 138, 171
	430	KYLWARA . . .	33, 38(a), 358, 465.	LALA HURA . . .	268
	533	KYMAHRA . . .	588	LALAUZY . . .	20
	61(a), 438	KYNGOYAK . . .	615(a)	LALBAWY . . .	211, 211(a), 339
	37	KYUNGUNG . . .	46	LALDANG . . .	814
	194, 457			LALERI . . .	481
	501			LALGANJ . . .	39(a), 39, 220, 251, 252(a), 253(a), 413, 455.
	152(a), 354	L		LALGANJ (GOPALGANJ) . . .	36(b), 96
	36(b), 39, 252(b)			LALGOLA . . .	108, 108(a), 110(a).
	368(a)		338(a)	LALITPUR . . .	355, 403, 403(a), 404, 405, 405(a), 520.
	656		559(b), 390, 589(a).	LALPUR . . .	520
	558, 588(a)		40(a), 485, 562(a)	LALPURA . . .	313, 313(a).
	201(a)		96	LALRU . . .	645, 648, 650, 655.
	238		.....	LALUGULLY . . .	3(a)
	646		381(a), 884	LALUKDALANI . . .	209
	379		83	LALURI . . .	403, 403
	610(a)		335, 326, 501	LAMA . . .	166, 548
	301, 447		401	LAMAGACH . . .	514
	36	LACHHATTA (SOBRATPUR) . . .	624(a) 630	LAMATURU . . .	613(b), 614(a)
	317	LACHARPUR . . .	544	LAMBI . . .	261, 620(a), 623
	575	LADI . . .	206, 445, 447, 450, 452, 452(a), 453(a).	LAMNIDHAN (GANDAKAS) . . .	80, 141, 143
	479	LADROH . . .	434	LAMGARA . . .	43
	331, 378, 439(a), 645.	LADROBI . . .	155	LANDIANWALA . . .	301, 300
	238, 256	LAINGASH . . .	192, 350, 450, 480(a), 507, 558, 556(a).	LANDINWAL . . .	587
	144(c)	LAK . . .	179	LANDKHOH . . .	439
	638	LAKAHA . . .	60	LANDOUR . . .	40, 40(a), 40(b), 408, 407, 408, 409, 410, 455, 485, 558, 562, 562(a), 561.
	354(b)	LAKHAR . . .	437	LANDRA . . .	602(a)
	181, 511(a)	LAKHARMAH . . .	225	LANGAR . . .	480, 589
	46	LAKHCHAO RIVER . . .	402, 563, 638	LANGAWAL . . .	255, 255(a), 200, 381.
	434	LAKHIMPUR . . .	200	LANGERA . . .	203
	624(a), 630	LAKHIMPUR . . .	140, 164, 165, 165(a), 205, 335, 551, 551(a).	LANKA . . .	523
KUSHONG (RIFLE RANGE) . . .	336, 434, 550	LAKHIMPUR—NORTH . . .	214, 216, 471,	LANSDOWNE . . .	41, 563, 563(a)
KURWAL . . .	555, 555(a)	LAKHIMPUR . . .	118	LAPPAL . . .	554
KURWAI . . .	575	LAKHIMPUR . . .	580(a)	LAR . . .	478
KUSANT . . .	500	LAKHIMPUR . . .	534	LARJI . . .	610(c), 613 614
KUSHANA . . .	182(a)	LAKHIMPUR . . .	61, 540(a).	LARSAULI . . .	266
KUSHYA . . .	109	LAKHIMPUR . . .	407	LASUKAR HAT . . .	103, 123(a)
KUSHWAI . . .	588(a)	LAKHIMPUR . . .	405		
KUSHI . . .	225	LAKHIMPUR . . .			
KUTAD MISAR . . .	188, 188(3)	LAKHIMPUR . . .			
KUTARNAGAR . . .	627	LAKHIMPUR . . .			
KUTETIMA . . .	90, 487	LAKHIMPUR . . .			

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LATERI . . .	617	LUNG TUNG . . .	613(b)	MAHOI . . .	189(b), 233, 235
LAURI . . .	431	LUNI . . .	232, 235	MAHOLA . . .	403
LEH . . .	613, 618(a), 613(b), 614(a).	LUPRI . . .	272	MAHOLI . . .	250, 403(a), 404, 621, 622, 627(a)
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LENGBA RIVER	140		61	MAHROI . . .	574
LEO . . .	613(a)		689	MAHROWI . . .	255(a), 550
LEBUA . . .	225		420(b)	MAHTA . . .	50(a), 370, 377
LEBUIGANG . . .	317, 590		32, 344	MAHTHA JHEDU . . .	254, 620(a), 644
LESBAGANG (HARIMANPUR)	243		266, 310	MAHTIANA . . .	429
LEKAR . . .	563(a)		513	MAHUAL WAN . . .	567(a)
LEDANG . . .	613(b)		207	MAHUL . . .	66
LIDRANI . . .	614		334	MAHULGANV . . .	633
LIECHE . . .	619(a)		168	MAIHAR . . .	32, 33(a), 37, 266, 435
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LINOTI SAROHV	613	MADHOGARH . . .	85	MAILSI . . .	453
LOANG . . .	309	MADHOPUR . . .	309	MAINDROT . . .	606
LODASOLE . . .	402(a), 463	MADHUAPUR . . .	178, 182, 182(a)	MAINGERHANG . . .	393
LODE . . .	500	MADHUDAN . . .	290(a), 341, 341	MAINFURI . . .	16, 233, 412, 413(a), 432, 433, 602, 623, 629(a)
LODRI . . .	629	MADHURANI . . .	179, 180, 473	MAIRANG . . .	584(a)
LODERA . . .	327	MADHUPUR . . .	100, 634	MAIR-KI HATI . . .	610, 610(a)
LODHAN . . .	478	MADPATUR . . .	87	MAIRWA . . .	676
LOHACHAT . . .	42, 90, 487	MADPUR . . .	398	MAJAF . . .	7(a)
LOHAJANG . . .	500	MAOURA . . .	242	MAJHAUL RT STN.	296, 296(a)
LOHARDAGA . . .	591	MAHADENPUR . . .	167, 169	MAJRU CHAK . . .	300
LOHARKHET . . .	564	MAHADEWA . . .	97, 117, 214	MAJWALI . . .	45
LOHARI . . .	317	MAHAKALGOURI . . .	337	MAJWALI . . .	554
LOHOKHA . . .	136, 528	MAHAIPUR . . .	331, 331(a)	MAJWALI . . .	171
LOSLA . . .	613(b)	MAHAR . . .	511(b), 580(a)	MAJWA . . .	638
LONI-KURIA . . .	417, 419, 423	MAHARAJGANG . . .	55, 291, 433, 544, 567	MAJWA . . .	407, 466, 563, 566(a)
LOBALAI . . .	199	MAHARAJGANG (BETRADH) . . .	192(a)	MAKAIR . . .	157
LOUR . . .	38(a), 465	MAHARAJGANG (KATRAJ) . . .	102, 260	MAKHAD . . .	60, 359(b)
LUCKNOW . . .	151, 411, 412, 413, 414, 415, 416, 417, 418, 418(a), 419, 420, 431, 432, 423	MAHARAJPUR . . .	144(a), 265, 670	MAKHAN . . .	394
LUDDAN . . .	258(b), 258(c)	MAHENDRAGANG . . .	533	MAKHENDPUR . . .	263, 266(a)
LUDHIANA . . .	180, 286, 338, 424, 426, 430, 427, 428, 439, 430(a), 430(b), 430, 662	MAHESHPUR . . .	115, 230, 341, 399	MAKHEND HAKHID . . .	258(b), 258(c), 432
LUHABU . . .	500(a)	MAHEWA . . .	364(a), 572	MAKHI . . .	154
LUKKING . . .	613(b)	MAHLAN . . .	654	MAKHU . . .	384, 437, 623
		MAHM	191, 210	MAKORA . . .	17, 493
		MAHMUDABAD	626(a), 636		
		MAHMUD KOT	507		
		MAHWA . . .	424		

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M—contd.		MANDKOL	187	MARINAKARA	258(a), 258(c),
		MANDRA	266, 560, 560(a), 575.	MARI SHAH SAKHIA	590
		MANDRAEL	241, 494	MARITAHAN	176
MANRAMPUR	461	MANDRALA	409	MARMA	560
MANU RIVER	140	MANDRI	2	MARNGU	511(a), 580, 580(a).
MANSE	10, 617	MANDU	318, 320	MARNUA	318
MANWANGARH (NARAYANA)	617	MANDURI	268, 391	MARLA	518
MANWANGARH MARI	511, 511(b), 580(a).	MANGALDAI	208, 376, 377	MARSAHING	613
	574	MANGALPUR	77	MARTELI	554
MALA	440	MANGAIWAN	38, 38(a) 35, 37, 465.	MARUT	620
MALAKHAND PASS	493	MANGALOR	610(c), 618, 614	MARWAN	157, 295
MALANPUR	160, 364, 593	MANGROTHA	199(b), 238, 235	MARWAR	295, 312, 576
MALANI	46	MANGOTANWALA	300	MARWARA	313, 318(a)
MALAUT	261, 620(a), 623, 644.	MANGUDANDA	472, 475	MARROWA	209
	238, 266	MANHERU	325, 326, 504	MARUDI	454
MALWAN	110, 110(a), 116, 124, 127, 434, 435, 436.	MANIA	17, 18, 18(c), 19 20, 23.	MARWARI	355(a)
MALDA	383, 425, 433, 430, 547.	MANIA BABA	181	MATARNI	540, 540(b)
MALHE-KOTLA	616	MANJONKEI	405	MATARDH	304, 519, 568
MALAKHERI	7(a)	MANIKGANI	167, 169	MATAYAN	614(c)
MALAL	412, 416, 418	MANIKPUR	30(a), 36(b), 38, 78, 252(a).	MATGAON	150, 364, 365, 568.
MALHABAD	613(b)	MANIPUR	140, 394, 437	MATHIANI	232, 318, 319(a)
MALING	569	MANIR	213, 215	MATHIANAV	629
MALTHAR	477	MANJ	247	MATHINANT	489
MALRANI BASTI	511, 511(b), 577	MANJERI	203	MATITHAL	461
MALLAT (SONOUL)	143, 418, 629(a)	MANJHI	68, 294	MATKULI	535, 536
MALLANWAN	178	MANGHILARA	223, 230, 341, 342.	MAU	234, 313, 313(a), 353, 521, 521(a), 522.
MALLARH	585	MANGHIDIN	224	MAUDANDA	463
MALLAWAN	123	MANGHINAWA	667(a)	MAUDHA	76, 77, 144(b), 145, 150, 529.
MALSEBA	355	MANKACHAR	593, 552	MAUFLONG	594(a)
MALTHON	31(c), 483	MANKERA	350, 430(c)	MAUGANJ	38(a), 405
MALUHAN	266	MANGORMANDIA	482	MAUKHAS	457
MALWA	190(b), 233, 235	MANPUR	493, 486, 487, 488.	MAUNODAW	158
MANDANI	46	MANGRA	1, 1(a), 2, 8	MAURANWAN	153(a)
MANA	408, 409	MANVI	256, 258(a), 260, 425.	MAWING-KEENG	522
MANARI	590	MAOLIN	592(a)	MAXAGUVI	333, 334, 327
MANATHU	613, 614	MAOTHANA	394	MAZARI	331, 331(a)
MANAULI	618	MAFAPARI	224	McLEODGANJ	234, 620(a), 644
MANAWAR	123, 369, 369(b)	MARAOHI	237	MEHAN MEER	266, 384, 427, 445, 416, 447, 448, 449, 440(a), 450, 451, 451(a), 452, 552(a), 453, 453(a), 622.
MANDAWAR	308, 513	MARDAN	3, 3(a), 433, 439, 440, 441, 442, 443, 444, 528, 541, 541(a), 541(b).	MEHUT	26, 192, 192(a), 454, 455, 456, 457, 458, 459, 460.
MANDHA	606	MARI	4, 60, 141, 395, 398, 446, 556, 593(a).		
MANDHOL	161, 611(a), 646	MARIANU	484		
MANDI	543				
MANDIA	447, 460, 462				
MANDIALI					

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<i>M--contd.</i>		MINI PIPEL . . .	480(a)	MOOLKAN . . .	258, 259(a), 260(b), 261
MIRAPUR . . .	388	MITHANKOT . . .	540		477, 478, 479
MIRGAON . . .	241, 402	MITHAPURKE . . .	128		480, 481(a), 482
MIRHAT . . .	544	MITHA-TIWANA . . .	857, 880, 880(a), 687, 688(a)	MOHABAD . . .	27, 27(a), 27(b), 104, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450
MIRA (SINHA ROAD) BY STATION.	88(a), 94(a)	MITLOKI . . .	350		
MIRNADI GHAT . . .	418, 630, 632(a)	MITRU . . .	268(b), 268(c)	MOHAGANI . . .	137, 138
MIRNANGKUNO . . .	406	MITTA LAK . . .	452	MOHANTPUR . . .	300
MIRWADA . . .	571	MIYAR . . .	614	MOHAR . . .	80, 152, 153(a), 437, 438, 439, 440, 441
MIRWOW . . .	19, 12(a), 103, 505, 571, 571(a), 617	MODINA . . .	191, 268(a)	MOHARI . . .	285, 407
		MOGA . . .	570, 584	MOHINDA . . .	429, 430(a)
		MOGHAL HAT . . .	649	MOHNA . . .	500
		MOGHAL-SARAI . . .	316	MOHNI . . .	140, 554
		MOHABADPUR . . .	123, 126(a), 127	MOHNI . . .	618
		MOHAMDI . . .	583, 581	MOHINI . . .	520, 576, 577, 670, 680(a)
		MOHAN . . .	618(a)	MOHITPUR . . .	578
		MOHANA . . .	162	MOHNGOLA . . .	500
		MOHAND . . .	456, 502, 505(a)	MOHAKHERI . . .	518
		MOHANGANI . . .	274, 514	MOHISINGA (BARADASI)	551(a)
		MOHANIA . . .	98, 295, 316	MOHIAKOT . . .	615, 649, 650
		MOHANKI . . .	254, 255, 258(a), 258(b)	MOH . . .	558, 559(a)
		MOHANLAGANI . . .	420	MOHAGAON . . .	290(a)
		MOHANTPUR . . .	13	MOTIKI-PURWA . . .	30, 29(a), 29(b), 30, 30(a), 306
		MOHOTA . . .	500, 802(d)	MUGHAL KI-SARAI . . .	280, 644, 647, 652, 651
		MOJGAH . . .	122	MUGHAL MAIDAN . . .	208, 309, 310(a), 614
		MOKAMKH . . .	214, 218	MUGHALPUR . . .	470
		MOKAMTALA . . .	123	MUGHAL-SARAI . . .	435(a), 436
		MOKANDARA . . .	405	MUHAMMADABAD . . .	16, 65, 247, 298, 302
		MOKOKCHONG . . .	895, 406, 467, 468	MUHAMMADGANI . . .	500(a)
		MOKTEL . . .	257, 258(a)	MUHAMMAD KHAWA . . .	301
		MOLIPAN-SI-SARAI . . .	15	MUHAMMADPUR . . .	187, 187(b), 246, 268, 347, 474, 683
		MOLING . . .	613(b)	MURUDIPUR (BALIA DISTRICT)	110, 110(a), 154
		MOLLATARA . . .	514	MUZAWALI . . .	180(a)
		MOLLANPUR . . .	638	MUKERJAN . . .	50(b), 829, 330, 371
		MOMI SGO SATARA . . .	....	MUKTAGACHA . . .	691
		MONGALBARI . . .	213	MUKTAR . . .	281, 628
		MONGHYE . . .	117, 218, 460, 470, 470(a), 471, 472, 473, 474, 476	MULANA . . .	1
		MONGSEMI . . .	406	MULBARA . . .	160, 364, 365, 689
		MONTGOMERY . . .	267, 300, 301, 309, 431, 451(a), 470, 470(a), 629	MULKIPUR . . .	278, 279
		MIRNATH . . .	338, 371, 609		
		MIRWALI . . .	490		
		MIRWATER . . .	84, 34(a), 72, 102, 102(a), 102(b), 176, 178, 291, 433, 484, 466, 683		
		MIRNATH . . .	154, 154(a), 627(a), 629		
		MIRNATH . . .	256, 256(a), 280, 381, 381(a), 647		
		MIRNATH . . .	568(a)		

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M—contd.		MUZAFFARPUR . . .	157, 219, 285, 474, 510, 511, 511(a), 513(b), 579.	NAJAFGARH . . .	511
				NAJIBABAD . . .	121, 435, 459(a), 563, 563(a).
MUKAR	382	MYAPUR	352(a)	NAKA	4, 141, 553
MUNDA	480(a)	MYHESINGH	170, 512, 513, 514, 515, 534.	NAKA KALAN	358(b)
MUNDA BHAN	861	MYNAPORE	70, 680, 630(a)	NAMHOLA	205, 592, 595
MUNDRAWA	271, 289, 297	MYNATHER	27, 27(a)	NAKO	613(a)
MUNDHA	574	MYNRE	363	NAKODAR	279
MUNDKA	191			NAKRA	313(a), 380(a).
MUNG	802, 801			NALBARI	206
MUNIBGARH	365	N		NALHATI	686
MUSIKER	113, 654			NALITABARI	515
MUNTAPUR	148	NARHA	385, 428, 647	NAMALIGARH	205, 593, 595
MUNKA	223	NACHAR	611, 612(a), 612(b).	NAMBOB	208, 595
MUNSHI BASAR	640(a)	NADAWN	329(a), 610(a)	NAMDONG	363
MURAPABA	170, 171	NADIA	400	NAMULI	610
MURABAI	116, 280, 341, 635.	NADIAGACH	152(a)	NANAKMATHA	497
		NARANG	613(b)	NANAMAN	418(a)
MURANTAS	617	NAGAL	456, 458, 460, 450, 563(a).	NANDGANI	100
MURCHA GRAY	107			NANDRAIE	285
MURENDA	187	NAGAR see RAJNAGAR . . . . .	.....	NANGAL DUNA SINGH	48
MURONAI	546	NAGARRASTI	470(a)	NANGTANTH	61
MURNU	223	NAGADUTARI	178	NANIHAT	120, 231
MURIDKE	226, 445, 453, 453(a).	NAGAHNARI	561(a)	NANKAM	468
		NAGINA	485, 489(a)	NANKANA	451, 451(a)
MURNA	233	NAGLA	85, 69, 61, 345	NANPANA	70, 71, 630, 630(a).
MURREE	496, 490(a), 497, 498, 499, 559.	NAGODE	35, 79, 368, 515, 518, 572.	NANPUR	511(a)
		NAGPUR	235, 367	NAGOACH	468
MURSUNDA	118(a)	NAGRA	63, 578	NAO JAN	208, 595
MURTAZA FORT	201	NAGRI	225	NAOSHERA	303, 303(a), 362, 499, 602(a).
MURWARA	83, 33(a), 356, 465.	NAGRI-DHUNDAN	499(a)	NAR	608(b)
MURAFIR KHANA	332	NAGROTA	602, 602(a), 602(b).	NARAIL	827
MURAILA	294	NAGTHAT	406	NARALINGARH	410, 463, 645(a)
MUSANAGAR	30	NAGAH	407, 645(a)	NARAL	481
MUSOONER	500	NAGARI	79, 364(a), 364(b)	NARANG	2
MUSTAFABAD	58(a), 36(b), 39	NAMTALA	452(a)	NARAUJI	575
MUTH	612(b)	NARUR	504	NARAUHA	24(a)
MUTHALA	359, 359(b)	NARAKHA see NAKHUNDAN- GARH . . . . .	.....	NARATA	177, 181
MUTIRA	15, 23, 239, 501, 503, 503, 502(a), 503(b), 504, 506, 506, 506(a).	NARAGH	19, 23, 405	NARAYANGANJ	168
		NARNA	407, 645(a)	NARGHAT	34, 102, 494
MUTHILAYA	610(c), 611, 613, 613(a), 613(b), 614.	NARNA KOT	303, 596, 597	NARI	199(a)
		NARNI	44	NARWALA	7, 143, 389, 560(b).
MUZAFFARABAD	8	NARINI TAL	43, 43(a), 69, 436, 517.	NARKANDA	610(c), 611, 613, 613(a), 613(b), 614.
MUZAFFARGARH	479, 507, 508, 589.	NAITURA	544	NARNAUD	256(a), 363
MUZAFFARNAGAR	456, 458, 460, 460, 509.	NAIRANG	381		

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O—contd.		PALI SOO BIRINGPUR	PANABMA	489
		PALSA	618	PANBORIA	37, 572, 574
		PALWAL	188(b), 503	PANBUR	289
		PANAGAR	38, 39(a), 105, 111, 364(b), 366, 465.	PANTABGANI	177, 182, 469
OSAN	29(a), 39(c)	PANARA	277	PANTANGARH	31, 352, 352(a), 352(b), 344, 419, 569.
ORANG	206, 641, 642	PANARI	352(a), 365	PANTARPUR	73, 231
OSARA	293, 578, 618	PANCH	618(b)	PANTHAI	589
OWEN FERRY	488	PANCHDIRI	136	PANWARRAD	95
P		PANCHDOKA	170, 171	PANRUB	51, 656
		PANCHGAON	635	PANARARI	74
		PANCHKURA	265	PATACHARKUCHI	206
		PANDAU	478	PATAMARI	165(a), 551(a)
PABNA	348, 530, 531, 532, 533, 534.	PANDIE	448, 449, 449(a)	PATAN	8, 303(a), 382, 492, 602(c).
PACHMAR	19, 352, 352(a), 403, 617.	PANDWAHA	531, 531(a), 522.	PATAUDI	186(a), 189, 189(a), 193.
PACHKORHA	416	PANGA	340	PATEBNALA	606, 607
PACHMARHI	535, 536	PANGARA	79, 364(a), 364(b), 516.	PATGRAM	333(a), 335(a).
PACHRAUNI	181	PANGI	611	PATHANKOT	304, 306, 306, 307, 328, 370, 371, 696, 697, 806.
PADAM	618(b)	PANIALA	234(a), 234(c)		
PADNAMA	70, 630, 630(a)	PANIGHATA	184	PATHARGAMA	73, 231
PADONG	185, 185(a)	PANI-KI-CHOWKI	30	PATHANKANDI	138
PADRAUNA	206(a)	PANITAT	266, 335	PATHEOL	119
PAGARA	585, 536	PANNA	75, 364(a), 364(b), 518.	PATIALA	644, 647, 653, 654.
PAGARBHAT	337	PANTI	318	PATIALI	237(a), 245(b), 245(c).
PAGAR	275	PANWANOUA	44	PATIRAM	123, 126(a)
PAGARI	29(a), 29(c), 494, 503(a).	PANWARI	318(a), 380(a).	PATLAKAWA	338, 537
PAGARIKHARA	516	PAGRI	23	PATWITALA	123, 126(a)
PAGARPUR	262 (a), 463	PARA	632(a)	PATRAHI	179
PANLADPUR GHAT	477	PARACHINAR	501	PAUKHAL	500
PAIDI	405, 408	PANARIA	369(a)	PAUNI	40, 40(a), 121, 600, 563.
PAIL	590 (a)	PANARATOLA	79, 518	PANWALPUR	281
PANNA LARAN	332	PANASANI	176	PANWATAN	584(a), 631
PANPATIAN	258(a), 258(b), 268 (c).	PANAU	529	PANWITALA	612, 613, 615
PANBAO	314	PANAYA (PARA)	245, 245(a)	PANWIT	336(a)
PANUR	343	PANDEATIPUR	63	PANDONG	417, 422
PAKURIA	343	PANDAT RIVER	108, 123(a).	PENSAHI PURA	43(a), 85, 483
PAKTONG	605	PANDAT SINGHWALA	623	PENARA	606
PALAMAU	618(b)	PANDATTA	118(a)	PENTRI	73, 231
PALANGANI	249	PANDHANA	498	PENROSTPUR-BHAGALPUR (BAGHAT.)	266, 537, 588, 538(a), 539, 540, 540(a), 540(b), 541, 541(a), 541(b).
PALAMPUR	610(c), 646	PANIANWALI	360	PENSHAWAR	185(c)
PALASBARI	164, 206, 278	PANMAL	443		
PALASHBARI	138	PANMANAND	304, 305, 305, 307, 308, 370, 590, 597.		
PALASTANGA	155(a)	PANOA	196(a)		
PALCHRA	643				
PALDAR, SOO LURSA				
PALEL	437				
PALESI GHAT	156				
PALI	250				

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<i>R—contd.</i>		RAMGARWA	580	RANKATTA	19
		RAMKOLA	296(a)	RANMAL	298, 445, 453 (a)
		RAMKOT	154, 154(a), 627, 627(a), 628, 629(a).	RANMU	417
RAMKOTAH	509(a), 571, 571(a), 573.	RAMNAGAR	298, 301, 314, 380, 445, 447, 452(a), 600.	RARAN	159, 160
RAMNARAD	412, 416, 418	RAMNI	500	RARANG	217(a)
RAMYA	619, 614	RAMPAZAN FERRY	498	RARA	489
RAMUMARI	552	RAMPUR	85, 195, 222(a), 464, 497, 611, 612(a), 612(b) 614, 618.	RARANG	611
RAM	266	RAMPUR, see RAJAORI		RARBA	578
RAMDOGA	227	RAMPURA	690	RASULABAD	77
RAIPUNG	548	RAMPURA		RASULTPUR	505, 506(a), 624, 630(a), 635.
RAIPUR	33, 33(a), 35, 37, 252, 410, 480, 489, 495.	RAMPUR, see RAJAORI		RATABARI	538
RAIPURA	37, 171	RAMPURA		RATANI KALAN	452(a)
RAIWAN	521, 521(a), 523	RAMPUR-BAULHAM, see HOAZLA.		RATNANPUR	423
RAJADEW KHAWA	103, 333, 333(a)	RAMPUR HARI	511, 511(b)	RATH	315, 316(a), 380, 390(a), 555.
RAJADPUR	194, 457	RAMPUR-HAT	74, 636	RATIGHAT	91
RAJA-KA-TALAO	102, 102(a), 269	RAMPUR-MANDI	407, 410, 651	RATILAI	573
RAJANA	349, 473	RAMPURWA	624	RATOWAR	152(a)
RAJANPUR	197, 197(a), 197(b), 235, 505, 540.	RAMRANKEHI GHAT	251, 414, 625	RAUVA	456
RAJAORI (RAMPUR)	303, 303(a), 602(c), 602(d)	RAMSU	602, 602(a)	RAU	142, 154(a), 585
RAJAPUR	29(a), 29(b), 29(c)	RAMU	158, 303, 602(b), 602(c).	RAUTANA	436
RAJAR	357, 560(a), 598	RAMAGHAT	130, 264	RAWAL PINDI	265, 556, 556(a), 557, 558, 559, 580, 580(a), 580(b).
RAJASANSI	51	RAMAUD	404	RAYA	28, 50, 51, 239, 266.
RAJERA	567	RANDESHINGHUR	502, 602(a), 602(c).	REHAY	10, 23, 435
RAJGANJ	286, 321, 323	RANGA	93	REHRA	276
RAJGARH	176, 495	RANGAMATI	160, 548	RENGTI	137(a)
RAJGHAT	404	RANGHET	165, 536(a)	RENU	612(b)
RAJKUND	511(a)	RANGIA	205	RESONTHI	137
RAJMAHAL	108(a), 116, 547	RANGITA	275, 280	REWAH	33, 33(a), 35, 37, 465.
RAJNAGAR	640(a)	RANGTO	605	REWAH GHAT	312
RAJNAGAR (NAGAR)	634	RANGPURA	128, 312, 340, 518, 519, 550, 551, 551(a), 552, 559.	REWARI	188(a), 189, 504, 189(a), 193, 561.
RAJOWAL	253	RANIA	620, 621	REKHOOK	185, 186(a)
RAJPUT	40(a), 407, 410, 465, 465, 562, 562(a), 561.	RANIAL	560 (b)	RIENWAN	573
RAJPUTRA	644, 647, 653, 654.	RANIBACH	85, 89, 91, 483	RIGHA	511, 511(b), 577
RAJWAR	355	RANIBAHAL	120	RIKHI KESH	40(a)
RAKLAWALA	623	RANJANG	64, 110, 211, 321, 321(a), 637.	RITHAURA	90
RAKSA	356, 356(a)	RANIGODAM	594(a)	RIWAR	269, 530, 530(a)
RAKHAL	580	RANIKHET	45, 91, 91(a), 495, 500, 517, 553, 554	ROGI	611, 613 (a)
RAIPUR	251, 253(a), 413	RANIPUR		ROHA	205, 633, 595
RAMAPURA	344	RANIPUR	355	ROHIALANWALI	508
RAMBAN	602, 602(a)	RANIPUR TILAK	633	ROHITPUR	243
RAMDAN	48(a), 35, 60, 220, 318, 320, 553(a), 410, 459, 483.	RANITAL	326, 329 (a), 372, 610 (a), 610 (b).	ROHTAK	191, 280, 311, 355, 438, 561, 563.

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<i>R—conold</i>		SATIPUR	145, 154(a) 585	SAKUNA	40, 40(a), 558
		SAGARDI .	170	SALBANI	82, 111
ROHTAS (ROTASOARR)	180	SAGOW . .	109(b), 234	SALCHAPRA	592, 599(a)
ROJHAN . .	546	SAHAR . .	53(a) 58(c), 215	SALIMPUR	12, 294
ROHANI . . .	251, 414, 625, 625(a)	SAHANAN . .	445	SALORAON FREET	498
ROORKEE .	458 489, 489(a) 562, 562(a), 563, 563(a), 564	SAHADAMPUR . .	195 386, 450, 400 490, 504, 505, 505(a)	SALUHS (JEHANABAD)	80
		SAHANWAN . .	21(a)	SALIM KHAN	442
ROHANWALI	349 470	SAHANWAR	245(b), 245(c)	SALMANA NORTH	204, 206
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